



सत्यमेव जयते

Government of West Bengal
Agriculture, Forests and Fisheries Department

**Annual Progress Report on
Forest Administration in
West Bengal**

**For the Year
1948-49**

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INTRODUCTORY

The year under report is the first complete financial year after the partition of Bengal. The demand for timber remained as heavy as in the previous year but the timber trade of coupe purchasers did not flourish owing to dislocation of banking facilities, booking restrictions, customs barriers and acute shortage of Railway wagons. In consequence, a huge stock accumulated in the purchasers' depots. The sale of dry and selection marking coupes in the Buxa Division had to be postponed. The purchasers, however, disposed of a portion of their timber to the Assam Rail Link Project and some to the local tea gardens and reduced the outstanding revenue against them from Rs. 18,84,881 to Rs. 13,11,508.

2. The six Post-war Development Projects which were taken in hand by the Forest Directorate in previous years were continued during the year under report. The expenditure in respect of Scheme No. 139—Rehabilitation of existing Government forests, Scheme No. 140—Training of Technical and other personnel and Scheme No. 143—Improvement of communications, buildings and water-supply in Government forests, was charged to "10—Forest" as normal expenditure of the Directorate and that in respect of the following projects was adjusted under "63B—Expenditure on Post-war Development Schemes":—

Scheme No. 138—Afforestation in the district of Nadia.

Scheme No. 141—Conservation of private forests and afforestation of private waste lands.

Scheme No. 142—Acquisition and afforestation of waste lands.

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Conservator-General of Forests West Bengal

CALCUTTA,

The 14th December 1950.

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[Note.—Figures in brackets immediately following the figures of the year under report are the previous year's figures.]

CHAPTER I—CONSTITUTION OF STATE FORESTS.

1. Alteration in Areas (Form No. 7).

1. **Reserved forests.**—The total area of the reserved forests at the end of the year was 2,649 (2,648) square miles of which 2,630 square miles were under the Forest Directorate and 19 square miles under other Directorates and Departments.

The proposal for the reservation of Dolepchan Ridge in the Kalimpong Forest Division appertaining to the Crown State and comprising an area of 344.59 acres, pending in 1947-48, was finalised during the year. An area of 8.26 acres of St. Andrews Colonial Home Land was excluded from the original proposal and the final notification No. 4017For., dated the 22nd June 1948, declaring 336.33 acres as reserved forest was issued and formal possession of the area was taken over.

2. **Protected forests.**—There was no change in the area of the protected forests. It was 1 square mile as in the previous year's report.

The proposal for the transfer of a plot of land measuring approximately 26.46 acres of the Kalimpong Development Area to the Cinchona Directorate for a Cinchona Research Station at Kalimpong remained to be settled at the close of the year.

3. **Leased lands.**—The area remained at 1,207 square miles as in the previous year.

4. **Unclassed State forests.**—The area was 3(3) square miles.

5. The Forest Directorate levied fees on the export of forest produce from 3 square miles of Khas forests in the Jalpaiguri district.

6. A few acres of land had been taken up for afforestation in the districts of Nadia and Midnapore pending completion of acquisition proceedings.

7. The total areas of different classes of forests and lands at the close of the year and their percentages to the total area of the province were as follows:—

| Class of forests. | Area (in sq. miles). | | Percentage of the total area of the pro- vince, viz., 28,215 square miles (after partition). | |
|---|----------------------|----------------|--|------------------|
| | | | | |
| Reserved forests | 2,649 | (2,648) | 9.388 | (9.385) |
| Protected forests | 1 | (1) | 0.003 | (0.003)* |
| Unclassed State forests | 3 | (3) | 0.011 | (0.011) |
| Khas forests over which the Forest Directorate has the right to levy fees for the export of forest produce therefrom. | 3 | (3) | 0.011 | (0.011) |
| Leased lands | 1,207 | (1,207) | 4.278 | (4.278) |
| Total | 3,863 | (3,862) | 13.691 | (13.688)* |

*Corrected figures.

2. Forest Settlement (Form No. 8).

8. The settlement of 0.54 square mile of Dolepchan Ridge in the Kalimpong Division was in progress at the end of the preceding year. The area was finally altered to 0.53 square mile after resurvey and notified as finally settled during the year. A sum of Rs. 44,965 was paid to khasmahal tenants as compensation for their crops and houses through the Civil authorities during the year.

9. The proposal for the acquisition of 2.65 square miles of land at Arabari in the Midnapore Division was not finally settled during the year.

3. Demarcation (Form No. 9).

10. Six miles of boundaries of reserved forests were artificially demarcated during the year at a cost of Rs. 8,090. The total length of boundaries of this class of forests stood at 1,746 miles against 1,740 miles of the previous year. Seven hundred and fifty-eight (764) miles of the existing boundaries were repaired at a cost of Rs. 9,940 (Rs. 8,717).

11. Six miles of boundaries of unsettled forests in the Midnapore Division were artificially demarcated during the year at a cost of Rs. 1,160. The total length of boundaries of this class of forest stood at 9 (3) miles.

4. Forest Surveys (Form No. 10).

12. No special surveys were undertaken by the Survey of India. Local Surveys by the forest staff were carried out as usual.

CHAPTER II—MANAGEMENT OF STATE FORESTS.

1. Regulation of Management.

(a) *Preparation and Control of Regular Working Plan (Form No. 11).*

13. Particulars regarding the preparation of working plans are to be found in paragraph 52 of this Report.

14. The prescriptions of the existing working plans were adhered to as far as circumstances permitted and deviations sanctioned where necessary.

(b) *Preliminary Working Plan Report.*

15. No preliminary working plan report was prepared and submitted during the year.

2. Communications and Buildings (Form No. 12).

(a) *Roads and Bridges.*

16. Rs. 35,350 (Rs. 1,46,476) was spent on construction of new roads, paths and bridges.

The total expenditure on repairs to roads, paths and bridges was Rs. 1,39,470 (Rs. 97,012).

17. The total length of the roads and paths maintained at the end of the year was:—

| | | | Cart roads. | Bridle path. | Other paths. |
|-----------------|-----------|-----------|------------------|------------------|------------------|
| | | | Miles. | Miles. | Miles. |
| Northern Circle | .. | .. | 656 (642) | 586 (612) | 157 (124) |
| Southern Circle | .. | .. | .... | .... | 1 (1) |
| Total | .. | .. | 656 (642) | 586 (612) | 158 (125) |

(b) *Buildings.*

18. The expenditure incurred on construction of new buildings and repairs to old buildings amounted to Rs. 3,28,626 (Rs. 4,90,459) and Rs. 72,650 (Rs. 97,313) respectively.

(c) *Other works.*

19. The expenditure incurred on other new works, viz., wells, water pipes, drainages, etc., was Rs. 43,606 (Rs. 96,395) and that on repairs was Rs. 39,521 (Rs. 92,509).

3. Protection of forests.

(a) *General protection (Form No. 13).*

20. The following statement compares the offences recorded during the year with those of the preceding year and the average of the last three years:—

| Classes of offences. | Number of cases reported during 1948-49. | | | | Number of cases reported during 1947-48. | Average of the preceding 3 years ending 1947-48. | Difference (columns 5 and 7). | Compensation realised. | Number of persons involved. | Average to each man. |
|---------------------------|--|---|-------------------|--------------|--|--|-------------------------------|------------------------|-----------------------------|----------------------|
| | Taken into Court. | Dealt with by Divisional Forest Officers. | Undetected cases. | Total. | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| Injury to forest by fire. | .. | 1 | 2 | 3 | 35 | 44 | - 41 | Rs. | | Rs. a. p. |
| Unauthorised felling. | 30 | 553 | 26 | 609 | 643 | 552 | + 57 | 21,936 | 3,384 | 6 7 9 |
| Unauthorised grazing. | .. | 515 | .. | 515 | 570 | 645 | -130 | | | |
| Other offences .. | 7 | 928 | 6 | 941 | 1,057 | 1,138 | -197 | | | |
| Total .. | 37 | 1,997 | 34 | 2,068 | 2,305 | 2,397 | -311 | .. | .. | .. |

The percentage of decrease as compared with the average of the preceding 3 years was 13. The decrease under "Injury to forest by fire" was due to favourable climatic conditions, that under "Unauthorised grazing" and "Other offences" was attributed to better patrolling and greater vigilance on the part of forest staff. The increase under "Unauthorised felling" was due to more concentration and activity of the subordinate staff.

21. The 941 cases under "Other offences" consisted of—

| | |
|---|---------|
| (i) Illicit removal of forest produce | ... 464 |
| (ii) Violation of conditions laid down in permits | ... 32 |
| (iii) Illicit hunting and shooting | ... 14 |
| (iv) Illicit fishing | ... 40 |
| (v) Miscellaneous | ... 391 |
| Total | ... 941 |

22. The number of cases disposed of during the year was 2,002 (2,246) involving 3,439 (3,602) persons. These include 120 (133) cases pending from the previous year; 152 cases remained pending at the close of the year.

23. Cases taken to Court numbered 117 of which 24 cases involving 37 persons ended in conviction and 6 cases involving 9 persons in acquittals. Eighty-seven cases remained pending at the close of the year. The punishment inflicted was on the whole adequate.

24. Divisional Forest Officers compounded 1,963 cases involving 3,384 persons under section 68 of the Indian Forest Act, 1927. The total compensation realised was Rs. 21,936 which represents Rs. 11-2-9 per case and Rs. 6-7-9 per person as compared with Rs. 21,245 or Rs. 9-11-8 per case and Rs. 6-1 per person respectively in the previous year. Nine cases involving 9 persons were let off with warning by the Divisional Forest Officers.

(b) *Fire Protection (Forms Nos. 14 and 15).*

25. Protective measures were undertaken on the same lines as in previous years, viz., clearing of lines, employment of patrols and early burning. The area under protection was 375,045 (375,007) acres. The cost of fire conservancy operation during the year was Rs. 10,916 (Rs. 9,934). There were 13 (53) cases of fire which burnt 211 (2,823) acres in the fire protected area. The percentage of success was 99.9 (99.2). No serious damage was done to the growing stock.

The Nepal and Sikkim portions of the frontier fire lines were cleared as usual by the respective Durbars. The Darjeeling-Himalayan Railway Company cleared the fire trace above the Tista Valley Railway line from Giellekholā to Riyang.

(c) *Regulation of grazing by cattle (Forms Nos. 16 and 17).*

26. Two thousand four hundred and eighty-seven (2,486)* square miles of forests were entirely closed to grazing, 2 (2)* square miles were open to the grazing of all animals throughout the year, 164 (164) square miles were open throughout the year and 3 (3) square miles for part of the year to the grazing of non-browsers only.

27. The number of cattle impounded during the year was 3,236 against 2,275 of the previous year. The increase was due to greater vigilance on the part of subordinate staff.

28. The number of cattle stall-fed in the Darjeeling and Kurseong Divisions was 232 (354), in addition, forest-villagers and forest employees were permitted to stall-feed 59 (45) cattle within their respective compounds free of charge.

*Corrected figures.

There were 9 (10) Government *bathans* used for stall-feeding during the year. The average number of stall-fed cattle occupying *bathans* in the Darjeeling Division during the year was 223 (346). In addition monthly permits for collection of fodder for 906 (1,539) head of cattle were also issued during the year. Open grazing was confined to the Singalila and Tonglu Ranges and to cattle belonging to Keventer's farms in Senchal Pasture.

(d) *Injuries from natural causes and protective measures undertaken.*

29. The damage done and measures undertaken whenever possible for the protection of forests against injuries from natural causes are described below:—

(i) *Insects*.—Oak (especially *Sungre Katus*) seeds were damaged by insects in Tonglu Range of the Darjeeling Division. Almost all *kimbu* (*Morus laevigata*) trees were attacked by a larva in Badamtam block of Darjeeling Range. Specimens of insect-attacked *kimbu* trees have been sent to the Forest Research Institute, Dehra Dun, for identification.

(ii) *Borers and defoliators*.—Defoliators did a certain amount of damage to the plantations in Sukna and Sevoke Ranges and to the dry *sal* trees in the Moraghat Range of the Jalpaiguri Division and in the Damarpur and Rajbhatkhawa Ranges of the Buxa Division.

(iii) *Fungi*.—A few *sal* trees were found to have been attacked with *Polyporus shorea* in Apalchand and Moraghat Ranges of the Jalpaiguri Division.

A few *sal* (*Shorea robusta*) and *lampate* (*Duabanga sonneratioides*) trees of older plantation were noticed dying due to attack of rootfungi in Rajbhatkhawa Range of the Buxa Division.

(iv) *Loranthus*.—Almost all the older plantations were affected by *loranthus*. They were cut out and burnt as far as practicable at the time of climber cutting and thinning.

(v) *Weeds*.—Maling bamboos and *ashelo* (*Rubus* spp.) continued to be the enemy of older plantations. Many of them were weeded in the Darjeeling Division. Many trees in Upper Tondou Range in the Jalpaiguri Division were badly infested with several species of climbers, viz., *Spatholobus*, *Vitis*, etc. Invasion of *assamlota* (*Eupatorium odoratum*) was profuse wherever there was any opening in the canopy. Normal weeding in plantations were carried out.

(vi) *Climbers*.—Climbers were cut in the usual way according to the prescriptions of the Working Plans with beneficial effect.

(vii) *Wild animals*.—Deer, bison, wild elephant, wild pig and monkey continued to damage younger plantations and forest villagers' crops as usual.

(viii) *Earthquake*.—None was reported.

(ix) *Landslips*.—The damage was not heavy.

(x) *Frost*.—Frost did considerable damage to younger plantations in the Darjeeling and Kurseong Divisions.

(xi) *Snow*.—Snowfall during the later part of the year did considerable damages to 1948 plantations of Tapkedara of Takdah Range in the Darjeeling Division.

(xii) *Hail*.—A heavy shower of hail in the later part of the year did a considerable damage to the tender shoots of the young seedlings in the Kurseong Division.

(viii) *Erosion*.—No appreciable damage was noticed during the year under report.

(ix) *Wind and cyclone*.—Heavy damages to the high forests and older plantations were caused in the Buxa Division due to whirling cyclone during the year under report, specially in Rajabhatkhawa and Damanpur Ranges. About 10,000 *sal* trees were uprooted.

CHAPTER III—SILVICULTURE.

I—System of management.

30. The areas under different silvicultural systems during the year were as follows:—

| Silvicultural system. | Area in square miles. | Percentage of the total area. |
|---|-----------------------|-------------------------------|
| (1) Clear-felling followed by artificial re-stocking | 497 | 18.9 |
| (2) Selection and improvement fellings .. | 2,014 | 76.6 |
| (3) Simple coppice | 7 | 0.3 |
| (4) Protection forests with no regular prescription for fellings. | 112 | 4.2 |
| Total .. | 2,630 | 100.0 |

II—Afforestation and regeneration (Form No. 18).

31. In the Northern Circle afforestation work was carried out in (1) Development Area Protected Forests and (2) Dolepchan Slip Reserve comprising 173.03 and 188.18 acres respectively. The former block is composed of 16 small scattered plots of different sizes and the latter is a compact area.

Afforestation work started previously was continued during the year under report. The details of work carried out in each area are given below:—

(i) *Development Area Protected Forests*.—The area of 146.57 acres has been worked over by way of raising plantations and transplanting seedlings of fast growing species, viz., *saur* (*Betula* spp.), *utis* (*Alnus nepalensis*), *pipli* (*Bucklandia populnea*), *Cupressus cashmeriana*, etc. This includes a new area of 3.30 acres planted up during the year. The total cost of raising new plantations and maintenance of the older ones including protective works undertaken in this area by erection of hand packed walls, putting cuttings of the species, making contour drains and check dams and broadcasting seeds in slips amounted to Rs. 4,586 (Rs. 2,402).

(ii) *Dolepchan Slip Reserve*.—The entire area of old plantations was maintained by filling up vacancies by transplanting and clearing where necessary. The cost amounted to Rs. 1,970 (Rs. 1,478) including pay of *mali*.

The cost of protective works done to protect slips amounted to Rs. 2,057 (Rs. 2,410).

Bamboo rhizomes were planted up in slip areas and bamboo seeds were sown in Tashiding Block of Kalimpong Range.

In the 24-parganas Division of the Southern Circle *golpatta* (*Nipa fruticans*) seeds were planted up as an experimental measure over an area of 7 acres free of cost. Germination in the Basirhat Range was 60 per cent. but it was only 5 per cent. in the Namkhana Range due to excessive salinity.

In the Nadia district of the Central Division the full programme of afforestation work could not be carried out as no formal possession of the lands under acquisition was received during the year. Only a small area of 150 acres could be planted up with the consent of the land owners. The total cost of creation and upkeep of plantations in this Division during the year amounted to Rs. 25,053 including Rs. 1,239 being the price of barbed wire.

III—Establishment of Reproduction (Form No. 18).

(a) Mainly natural.

32. Natural regeneration of *sal* (*Shorea robusta*) was absent as usual though that of miscellaneous species was sparsely present in place where conditions were suitable. *Khair* (*Acacia catechu*) and *sissoo* (*Dalbergia sissoo*) continued to come up over silt deposits and unstable river beds overgrown with *kush* grass.

(b) Mainly artificial.

33. There was no change in the main method of regeneration which continued to be clear-felling followed by artificial re-stocking.

IV—Tending.

34. Climber cutting, weeding and thinnings were carried out for the general upkeep of the existing plantations as far as funds and labour permitted.

35. The total cost of afforestation and regeneration operations including the upkeep of plantations was Rs. 2,09,812 (Rs. 1,88,316) of which Rs. 1,28,727 was spent in the Northern Circle and Rs. 81,085 in the Southern Circle. The expenditure in the Southern Circle was incurred on the formation of plantations on lands taken over with the consent of the owners pending completion of acquisition proceedings.

CHAPTER IV—EXPLOITATION.

36. **Outturn of forest produce (Forms Nos. 19 and 20).**—The following statement shows the total outturn of forest produce:—

| Particulars. | | | 1948-49. | | 1947-48. | |
|--------------------------------|----|----|---|----------|---|----------|
| Timber (in thousands of c.ft.) | .. | .. | 5,306 | | 3,780 | |
| Fuel (in thousands of c.ft.) | .. | .. | 17,371 | | 15,056 | |
| | | | <div> <div>Number or quantity.</div> <div>Value.</div> </div> | | <div> <div>Number or quantity.</div> <div>Value.</div> </div> | |
| | | | Rs. | | Rs. | |
| <i>Minor forest produce.</i> | | | | | | |
| Bamboos (Nos. in thousands) | .. | .. | 854 | 16,391 | 1,490 | 18,716 |
| <i>Golpatta</i> (maunds) | .. | .. | 99,050 | 6,849 | 36,685 | 2,499 |
| Other types .. | .. | .. | .. | 3,33,160 | .. | 1,70,291 |
| Total | | | .. | 3,56,400 | .. | 2,00,506 |

The increase under timber, fuel and *golpatta* was due to more demand and better facilities for transport than those in the previous year.

The decrease under bamboos was due to less demand from tea gardens.

The increase under other kinds of produce was mainly due to the directorial manufacture of *khair* in the Buxa Division.

37. Extraction by departmental agency (Forms Nos. 21 and 22).—(i) Timber.—The following statement shows the outturn of timber extracted departmentally during the year and the approximate financial results neglecting outstandings and end of year adjustments:—

| Particulars. | Northern Circle. | Southern Circle. | Total for West Bengal. | |
|--|------------------|------------------|------------------------|---------------|
| | | | 1948-49. | 1947-48. |
| | C.ft. | C.ft. | C.ft. | C.ft. |
| (i) Cut or extracted or otherwise received into departmental stock. | 906,773 | 4,023 | 910,796 | 529,751 |
| (ii) Corresponding expenditure on departmental extraction (A.I.A.). | Rs. 8,52,335 | Rs. 699 | Rs. 8,53,034 | Rs. 4,76,428 |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| (iii) Approximate average direct cost per c.ft. | 0 15 0 | 0 2 9 | 0 15 0 | 0 14 5 |
| | C.ft. | C.ft. | C.ft. | C.ft. |
| (iv) Sold or otherwise disposed of .. | 476,743 | 6,435 | 483,178 | 596,902 |
| (v) Value of sales of departmentally extracted timber (Form 26, R.I.A.). | Rs. 13,38,658 | Rs. 1,374 | Rs. 13,40,032 | Rs. 8,60,578* |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| (vi) Approximate average price per c.ft. | 2 12 11 | 0 3 5 | 2 12 4 | 1 7 1* |
| (vii) Average gross surplus per c.ft. | 1 13 11 | 0 0 8 | 1 13 4 | 0 8 8* |

(ii) *Fuel, bamboos and minor produce.*—The following table shows the results on the year's working:—

| Particulars. | Northern Circle. | Southern Circle. | Total for West Bengal | |
|---|------------------|------------------|-----------------------|-----------|
| | | | 1948-49. | 1947-48. |
| | Rs. | Rs. | Rs. | Rs. |
| (1) Value of sales of fuel, bamboos and minor produce extracted departmentally (Form No. 26). | 2,56,746 | 13 | 2,56,759 | 1,04,835* |
| (2) Expenditure on departmental extraction of fuel and minor produce. | 3,08,705 | .. | 3,08,705 | 1,53,390 |
| (3) Net gross surplus (+) or deficit (—) .. | -51,959 | +13 | -51,946 | -48,555* |

The deficit during the year under report was due mainly to the departmentally manufactured *khair* (*katha*) to the estimated value of Rs. 1,58,400 remaining undisposed of at the close of the year.

38. Siliguri Saw Mill.—The mill continued to work satisfactorily during 1948-49 in consideration of the fact that its working resulted in a net profit of Rs. 1,60,098-3-9 against Rs. 3,33,408-2-9 in 1947-48, Rs. 2,43,210-12-11 in 1946-47 and Rs. 2,55,878-10-8 in 1945-46. The decrease in profit was due to a less quantity of timber being available for sawing in the mill owing to difficulty in obtaining railway trucks and consequent delay in extraction of logs. The cost of production went down from 13.78 annas per c.ft. in 1947-48 to 12.75 annas per c.ft. in 1948-49.

*Corrected figures.

The mill was run as economically as possible and practically without any serious breakdown. A total of 209,083·88 c.ft. of logs were sawn against 26,092 c.ft. in 1947-48.

The total outturn of sawn timber was 161,733·13 c.ft. (171,085·19 c.ft.) and the total quantity sold amounted to 150,268·36 c.ft. (149,119·02 c.ft.).

The percentage of wastage was 22·64 against 23·97 in 1947-48. The decrease in wastage is reported to be due to the logs being sawn into all possible utilisable sizes.

The closing stock of sawn timber on the 31st March 1949 stood at 86,671·55 c.ft. (71,745·68 c.ft.). The increase in the closing stock is due to the difficulties of railway transport of timber from Siliguri which was still continuing.

A total of 191,392·8 c.ft. of round logs was issued to the mill for sawing against 245,884·6 c.ft. during 1947-48 and 10,037·37 c.ft. of round logs were sold for Rs. 16,919-1-7 against 14,859·91 c.ft. for Rs. 20,560-3 during 1947-48.

39. **Extraction by purchasers.**—(1) *Timber and fuel.*—Timber and fuel coupes in the hills were sold at valuations based on estimated outturn and royalty rates. The existing system of disposal of timber to traders, tea gardens and other Government Departments continued to be done by public auction and private negotiations. Individual trees were also occasionally sold on measurement according to the standard schedule of rates. Fuel was sold on permits at scheduled rates. The following statement summarises the year's working results neglecting outstandings and end-of-year adjustments :—

| Particulars. | Northern Circle. | Southern Circle. | Total for West Bengal | |
|---|---------------------|---------------------|-----------------------|------------|
| | | | 1948-49. | 1947-48. |
| <i>Timber.</i> | | | | |
| (i) Volume extracted by purchasers (in thousands of c. ft.). | 1,881 | 2,511 | 4,392 | 3,239 |
| | Rs. | Rs. | Rs. | Rs. |
| (ii) Value of sales of timber extracted by purchasers (Form No. 26, R.II.a.). | 24,37,746 | 1,78,477 | 26,16,223 | 42,34,031* |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| (iii) Average rate of royalty realised per c. ft. | 1 4 9 | 0 1 2 | 0 9 6 | 1 4 11* |
| <i>Fuel.</i> | | | | |
| | C. ft. | C. ft. | C. ft. | C. ft. |
| (i) Volume extracted by purchasers (in thousands of c. ft. solid). | 14,004 | 1,398 | 15,402 | 14,208 |
| | Rs. | Rs. | Rs. | Rs. |
| (ii) Value of sales of fuel extracted by purchasers (Form No. 26, R.II.b.). | 6,37,700 | 52,901 | 6,90,601 | 5,93,122* |
| | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| (iii) Approximate average royalty per 100 c. ft. stacked or 50 c. ft. solid. | 2 4 5 | 1 14 3 | 2 3 10 | 2 1 5* |

(2) *Minor produce.*—Bamboos and other minor produce were sold to purchasers mostly under permits at scheduled rates. Details of revenue received on the various items have been shown in Annual Form No. 20 for the year. The value of sales during the year amounted to Rs. 1,47,917 (Rs. 1,13,994).

40. During the year under report grazing was provided for 85 buffaloes, 2,040 cows and bullocks, 77 goats and sheep and 37 other animals. Fees received during the year was Rs. 16,711, *vide* Form No. 17.

*Corrected figures.

41. **Rights and privileges.**—There were no rights over the reserved forests under management of this Directorate except some concessions that were allowed to the Manager of the Government Cinchona Plantations at Munsong and Rongpo by the Kalimpong Division. The Manager was allowed the privilege of issuing free permits for forest produce required for his plantations.

The Khasmahal tenants were also allowed to enjoy the privilege of free supplies of leaf mould and grazing at concession rates which fetched a revenue of Rs. 6,195 against Rs. 4,510 in the previous year. The estimated royalty on grazing that would have accrued if they were charged at full rate would have been Rs. 18,959 against Rs. 15,842 in the previous year. The difference, therefore, amounted to Rs. 12,764.

42. **Free grants.**—The following statement summarises the quantities and value of forest produce given away free or at concession rates as compared with the previous year and furnishes information required under the Inspector-General of Forests' circular No. 9-113-7, dated the 26th June 1911 :—

| Particulars. | Timber. | | Fuel. | | Bamboos. | | Grass and grazing. | Other minor produce. | Total. |
|----------------------------|-------------|---------|-------------|---------|----------|--------|--------------------|----------------------|----------|
| | Cubic feet. | Value. | Cubic feet. | Value. | Numbers. | Value. | Value. | Value. | Value. |
| | | Rs. | | Rs. | | Rs. | Rs. | Rs. | Rs. |
| Right holders | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Free grantees | 3,362 | 943 | 449,281 | 12,591 | 16,850 | 389 | 8,399 | 1,000 | 23,322 |
| Grants at concession rates | .. | .. | .. | .. | .. | .. | 9,224 | .. | 9,224 |
| Total | 3,362 | 943 | 449,281 | 12,591 | 16,850 | 389 | 17,623 | 1,000 | 32,546 |
| | (11,315) | (2,487) | (332,587) | (9,585) | (57,880) | (357) | (12,942) | (1,161) | (26,532) |

43. The estimated value of free grants of forest produce and grazing made to forest villagers during the year in return for free labour supplied in sowing, planting, weeding, etc., in plantation is shown in the following statement:—

| Division. | Timber. | | Fuel. | Bamboos. | Grazing and fodder. | Minor produce. | Total. |
|------------------|---------|---------|---------|----------|---------------------|----------------|----------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| Darjeeling | .. | .. | 4,165 | 984 | 1,527 | 600 | 7,276 |
| Kalimpong | .. | 645 | 3,385 | 389 | 4,352 | 457 | 9,228 |
| Kurseong | .. | .. | 272 | .. | 9 | .. | 281 |
| Jalpaiguri | .. | 119 | 934 | .. | 184 | 16 | 1,253 |
| Buxa | .. | 179 | 2,626 | .. | 3,806 | 527 | 7,138 |
| Total | .. | 943 | 11,382 | 1,373 | 9,878 | 1,600 | 25,176 |
| | | (2,512) | (7,014) | (995) | (5,184) | (1,281) | (16,986) |

CHAPTER V—FINANCIAL RESULTS.

44. The following statement summarises the revenue and expenditure during 1948-49 :—

| Particulars. | 1948-49. | 1947-48. |
|---|-----------|-----------|
| | Rs. | Rs. |
| Revenue.. .. . | 61,56,901 | 45,91,022 |
| Expenditure— | | |
| A—Conservancy and Works | 35,36,754 | 22,30,097 |
| Deduct—A. VIII—Amount recoverable from other Governments, Departments, etc. | 11,09,936 | 4,50,676 |
| Net Expenditure under “ A ” | 24,26,818 | 17,79,421 |
| B—Establishment | 16,12,468 | 14,29,772 |
| D—Charges in England | 25,088 | 35,153 |
| F—Special Development Programme | 5,42,558* | 10,64,653 |
| Total expenditure | 46,06,932 | 43,08,999 |
| Surplus | 15,49,969 | 2,82,023 |

*Debited to 63B and not shown in Annual Form No. 24.

45. The prescribed analysis of the receipts and expenditure shows that of the receipts 89·2 (91·7) per cent. came from major produce, 1·9 (2·1) per cent. from minor produce, 0·5 (0·6) per cent. from grazing, 8·6 (6·2) per cent. from miscellaneous sources and 0·2 (0·6) per cent. went out as refunds, while of the expenditure 31·1 (20·3) per cent. was incurred on extraction, 11·6 (6·8) per cent. on roads and buildings, 0·2 (0·2) per cent. on fire protection, 3·0 (3·0) per cent. on cultural operations, 2·4 (2·0) per cent. on live-stock, stores and plant, 0·2 (0·1) per cent. on working plans, 4·1 (8·9) per cent. on miscellaneous works, 35·0 (33·2) per cent. on administration, 0·6 (0·8) per cent. on charges in England and 11·8 (24·7) per cent. on Special Development Programme.

46. The outstanding revenue at the close of the year amounted to Rs. 13,11,508 against Rs. 18,84,881 at the beginning.

47. The balance of timber, fuel, bamboos and other minor produce in stock at forest and sale depots and the value thereof are shown in Annual Forms Nos. 21 and 22. The net difference in favour of the year was Rs. 16,03,047.

48. Annual Form No. 23 which is an abstract of the value of live and dead stock shows a balance of Rs. 5,94,180 in favour of the year.

49. The outstandings due by contractors and disbursers amounted to Rs. 19,933 at the commencement and Rs. 23,742 at the close of the year, *vide* Annual Form No. 27 for the year.

CHAPTER VI—RESEARCH AND EXPERIMENTS.

Silviculture.

50. The year's work was carried out in accordance with the quinquennial programme sanctioned for the period April 1945 to March 1950, in the Darjeeling, Kurseong, Kalimpong, Jalpaiguri and Buxa Divisions. Routine works were also carried out in the Experimental nursery-cum-garden, two sample plots and one Experimental plot in the Midnapore Division.

Experimental Silviculture.

51. (i) **General.**—Routine observations and measurements were carried out in 30 Experimental plots, 35 Sample plots, 2 Diameter Increment plots, 8 Liner Sample plots, 6 Preservation plots and 3 Experimental nurseries and gardens.

One Experimental plot and one Sample plot were newly laid out in the 24-Parganas Division. One temporary Sample plot in 5-year old *sal* (*Shorea robusta*) coppice in the private forests at Jhargram in the Midnapore Division was sub-divided into two sub-plots.

(ii) **Natural Regeneration.**—(A) *Sal* (*Shorea robusta*) forests.—Experiments on the natural regeneration of *sal* (*Shorea robusta*) forests of various types were continued on the lines of the Kamrup method and no new experiments were undertaken during the year. Natural regeneration of *sal* (*Shorea robusta*), however, did not progress as satisfactorily as expected chiefly due to the set-back suffered by the Experimental plots during the last war period. Consequently the plots have lost much of their value. Artificial regeneration of *sal* (*Shorea robusta*) is now a well established practice in this province and the necessity for the continuation of these experiments appeared doubtful. The matter is under consideration.

In the Divisional Experimental plots on the natural and natural-cum-artificial regeneration of *sal* (*Shorea robusta*) cultural operations like cleaning, climber cutting and burning were carried out. At Raimatong in the Buxa Division, natural regeneration of *sal* (*Shorea robusta*) has become fully established, in patches though, and the overwood has been completely removed. The stocking and growth of the plants are reported to be satisfactory.

(B) *Riverain forests.*—No experiments are now in progress in this type of forests.

(C) *Tidal forests.*—The progress of recruitment and rate of growth of littoral species, mostly *white bean* (*Avicennia alba*) and *goran* (*Ceriops roxburghiana*) with a sprinkling of *gengwa* (*Eaccaecaria agallocha*) continued to be studied in a 10-acre Experimental plot at Alampur in the Midnapore Division. This year's enumeration shows an increase in the recruitment of the species mentioned.

An area of about 529 acres of tidal flats at Alampur was protected against damage from men and cattle and seeds of *goran* (*Ceriops roxburghiana*), *passur* (*Carapa moluccensis*), *dhundal* (*Carapa obovata*), *garjan* (*Rhizophora conjugata*), *baen* (*Avicennia alba* and *A. marina*) and *golpatta* (*Nipa fruticans*) were sown there. Most of these species did well along the banks of creeks (*khals*) but very poorly in the interior. *Golpatta* (*Nipa fruticans*) seeds did not, however, germinate by the end of the year. Generally speaking the reafforestation of the tidal flats bids fair to succeed, provided more and fresh seeds are used for the purpose and protection from men and cattle is rigidly enforced.

At Sajnakhali in the 24-Parganas Division experiments were carried out to find out if blanks in the tidal forests could be restocked by broadcasting seeds of *goran* (*Ceriops roxburghiana*), *passur* (*Carapa moluccensis*), *dhundal* (*Carapa obovata*) and *garjan* (*Rhizophora conjugata*). The results have not been successful.

One sample plot in the same division at Bagna was laid out to determine the volume increment and development of a thinned crop of *keora* (*Sonneratia apetala*).

(iii) **Assisted Natural Regeneration.**—Coppice regeneration was supplemented by broadcasting seeds of various fast-growing miscellaneous species (mainly fuel spp.) followed by rains weeding, in the fuel coupes of the Buxa Division. Timely and intensive cleaning, where carried out, produced satisfactory results.

Natural regeneration of various spp., such as *kadam* (*Anthocephalus indicus*), *malata* (*Macaranga denticulata*), *siris* (*Albizia* spp.), etc., was assisted with the artificial regeneration of *jarul* (*Lagerstromia flos-reginæ*), *sal* (*Shorea robusta*), *sissoo* (*Dalbergia sissoo*), etc., in the fuel coupes of the Bholka Range, Buxa Division.

(iv) **Seeds.**—There was profuse seeding of *sal* (*Shorea robusta*) and most other species during the year under report. Territorial Divisional Forest Officers made direct arrangements amongst themselves for the collection and supply of seeds of indigenous species. Seeds of many valuable species were imported from Burma and other provinces while seeds of various local species were supplied to other provinces and the Forest Research Institute, Dehra Dun, through the agency of the Silviculturist.

Germination tests were carried out in the various Silvicultural Nurseries.

The flowering of *Bambusa tulda* (*tarabans*), *Bambusa balcooa* (*champati bans*) and *Bambusa arundinacea* early in March 1949 was reported from the Midnapore Division.

(v) **Nursery and Garden Work.**—Routine tests were carried out in the three Silvicultural nurseries and gardens at Takdah, Sukna and Arabari.

(vi) **Artificial Regeneration.**—(A) *West plains sal* (*Shorea robusta*) forests (*Eastern Terai type*).—(1) The growth of *sal* (*Shorea robusta*) in the plantations specially on well-drained soil was on the whole satisfactory.

Loranthus continued to infest the older *sal* (*Shorea robusta*) plantations of the Jalpaiguri, Kurseong and Buxa Divisions. The *sal* root fungus (*Polyporus shoreae*) was noticed, especially in the moist type of forests.

(2) *Jarul* (*Lagerstromia flos-reginæ*) continued to be the best timber species for restocking low lying areas and teak (*Tectona grandis*) continued to be raised with success, though on a small scale, in the drier types of *sal* (*Shorea robusta*) forests.

(3) Softwood species, viz., *pitali* (*Trewia nudiflora*), *simal* (*Bombax malabaricum*) in admixture with *lahasune* (*Amcora rohituka*) as an auxiliary species on comparatively well-drained soil and *kadam* (*Anthocephalus indicus*) on poorly drained soil continued to be raised successfully in the Buxa Division for restocking wet mixed *sal* (*Shorea robusta*) forests of extremely poor quality.

(B) *Upper, middle and lower hill forests of the Darjeeling district.*—(a) *Upper Hill Forest* (6,000' to 8,000' altitude).—The growth and condition of exotic species planted at Ramam and Samanden in the Singalila Range, Darjeeling Division, viz., *Thuja plicata*, *Pinus laricio*, *Cupressus cashmeriana*, *Pinus patula*, *Pinus excelsa*, *Cupressus torulosa*, *Pinus sylvestris*, *Pinus morinda* and *Larix leptolepis* were promising. The growth of *Cedrus deodara*, *Abies* spp., *Pseudotsuga drugheri* was not satisfactory.

Cupressus spp. planted in 1939 plantation at Batasi were doing very well.

Stump planting of *phalant* (*Q. lineata*), *arupate* (*Prunus nepalensis*), *kapasi* (*Acer campbellii*) and *kawla* (*Machilus* spp.) done during April 1948 in the plantations of 1945, 1946 and 1947 in the Senchal Range, showed promising results.

In experiments on coppice and artificial regeneration of mixed species in a locality subject to frost, *Quercus lamellosa*, *Quercus lineata*, *Betula alnoides* and *Eriobotrya petiolata* were doing well, whereas *Michelia excelsa* survived in an unhealthy condition.

(b) Middle Hill Forests (3,000' to 6,000' altitude).—*Quercus lamellosa*, *Quercus lineata*, *Quercus semiserrata*, *Michelia excelsa*, *Acer campbellii*, *Machilus* spp., and *Cedrela febrifuga* sown direct in broken terraces did very well.

(c) Lower Hill Forests (500' to 3,000' altitude).—*Tectona grandis*, *Artocarpus chaplasha*, *Lagerstromia flos-reginae*, *Ailanthus grandis*, *Morus laevigata* continued to be raised in plantations in the Tista Valley with good results. The epicormic branches of teak were still persistent and attack of leaf-defoliators was common.

(vii) **Reclamation and Afforestation.**—(a) *Dolapchen slip and Development area at an elevation of 4,000' to 5,000' in the Kalimpong Division.*—*Tung* (*Aleurites* spp.), *Cupressus cashmeriana*, *malata* (*Macaranga pustulata*), *lapche kawla* (*Machilus gammieana*) and *muli bamboos* (*Melocanna bambusoides*) were doing well.

(b) *Afforestation of waste lands in the Nadia District (Central Division).*—Restocking was continued on a larger scale with sowings of fast growing firewood spp. in admixture with suitable timber species. Of the firewood species *minjiri* (*Cassia siamea*) and *babul* (*Acacia* spp.) gave satisfactory results while *jam* (*Eugenia jambolana*) and *siris* (*Albizia* spp.) exhibited indifferent results. Of the timber species teak (*Tectona grandis*) and *sissoo* (*Dalbergia sissoo*) did well, but *mahogany* (*Swietenia mahagoni*), *simal* (*Bombax malabaricum*) and *toon* (*Cedrela febrifuga*) did not do as well as expected.

(c) *Afforestation of waste lands in the Midnapore Division.*—At Arabari experimental plantation was continued on a larger scale this year. Of the firewood species that were tried, viz., *siris* (*Albizia* spp.), *minjiri* (*Cassia siamea*), *akasmoni* (*Acacia moniliformis*), rain tree (*Enterolobium saman*), Madras thorn (*Pithecolobium dulce*), *radhachura* (*Peltophorum ferrugineum*) and *babul* (*Acacia* spp.) the successful species were *siris* (*Albizia* spp.), *minjiri* (*Cassia siamea*), Madras thorn (*Pithecolobium dulce*), and *akasmoni* (*Acacia moniliformis*). Among the timber species *gamar* (*Gmelina arborea*) thrived best while *piasal* (*Pterocarpus marsupium*), *jarul* (*Lagerstromia flos-reginae*) *pitali* (*Trewia nudiflora*), teak (*Tectona grandis*), *sissoo* (*Dalbergia sissoo*), rosewood (*Dalbergia latifolia*), *simal* (*Bombax malabaricum*), *kanju* (*Holoptelea integrifolia*) and *arjun* (*Terminalia arjuna*) did fairly well. Of the miscellaneous species the growth of *Cashew nut* (*Anacardium occidentale*) was most remarkable; trials were also made with *mahua* (*Bassia latifolia*), *tamarind* (*Tamarindus indica*), *neem* (*Azadirachta indica*), *soapnut* (*Sapindus emarginatus*), *bahera* (*Terminalia belerica*) and *kusum* (*Schleichera trijuga*). The plantation was protected by a cattle-proof trench. Inside the area contour trenches were dug to hold up rain water. *Sabai* and *napier* grasses were grown successfully in addition to field crops such as maize, ground nut, *arhar*, jute and cotton. A miniature replica of the Arabari experimental plantations was started at Lalgurh where the soil being less eroded the growth of all the species, particularly of *Cassia siamea* and *Acacia moniliformis*, was exceptionally good.

(d) *Afforestation of semi-consolidated sand dunes at Digha on the sea-beach in the Midnapore Division.*—*Casuarina equisetifolia*, *Acacia moniliformis* and *Anacardium occidentale* continued to be planted with success on the almost pure sand hills.

(viii) **Thinning.**—Thinnings in plantations and high forest were carried out according to the programme prescribed in the current Working Plans.

Sample plots were thinned as necessary in accordance with the Silvicultural programme.

(ix) **Mixtures in plantations.**—Mixed plantations were raised in the various Divisions in accordance with the prescriptions of the current Working Plans.

(x) **Under Planting.**—Nil.

(xi) **Miscellaneous.**—(a) *Experimental cultivation of wattle for tan-bark.*—*Acacia decurrens*, var. *mollissima* was tried at Raman and Takdah in the Darjeeling Division, at Paiengaon and Kalimpong in the Kalimpong Division and at Mahaldaram in the Kurseong Division. The growth was satisfactory at Takdah, Paiengaon and Mahaldaram. The experiments are to be continued.

(b) *Preservation of Natural Flora.*—The existing Preservation plots were maintained and observations recorded.

(c) *Forest Botany.*—Specimens of plants of doubtful identity were sent to the Superintendent, Royal Botanic Garden, Sibpur, for identification.

(d) *Forest Entomology.*—Nil.

(e) *Forest publicity.*—Enlightenment of the general public on the utility of forests and their effect on climate, rainfall, flood and soil erosion was carried out. Free distribution of more than a lakh of seedlings from different forest nurseries was made to the public with a view to encouraging the villagers to grow more trees.

(f) *Publications.*—The “Nursery and Plantation Notes for Bengal” 4th Edition (1935), which was sent to the Press for reprinting was not received during the year under report.

(g) *Statistics.*—Records of all measurements of Silvicultural plots carried out during the year and requiring computation of volume figures and analysis were sent to the Central Silviculturist, Forest Research Institute, Dehra Dun, as usual. Copies of notes and observations on Experimental plots were also sent to him.

Statistical measurements and observations were made in 84 out of the existing 242 Scientific plots during the year under report.

(h) *Miscellaneous.*—There were 115 General Ledger files, 145 Specific Ledger files, 213 General Photo files and 321 Specific Photo files at the close of the year.

New books and publications numbering 62 were added to the Silviculturist's Library during the year.

2. Working Plans.

52. Sanction of the Government to the Fifth Working Plan for the Buxa Division was received during the year.

The Fifth Working Plan for the Jalpaiguri Division was also sanctioned during the year.

The draft of the Fifth Working Plan for the Kalimpong Division was revised and submitted to Government for sanction.

The draft of the First Working Plan for the 24-Parganas Division was completed during the year.

Field works for the revision of the Working Plan for the Darjeeling Division were taken up, but progress was not up to expectation due to shortage of staff.

To expedite the printing of the sanctioned plans it was agreed to accept them in the size Royal 8vo. in place of Super Royal 8vo. originally asked for. The Fifth Working Plan for the Jalpaiguri Division was printed accordingly and copies were issued to all concerned.

The draft Working Plan Manual was still under consideration. Routine checking of control forms was carried out as usual.

3. Utilisation.

53. The Utilisation Division had a very busy time during the year under report. Orders for timber of a total value of Rs. 46,29,374 were secured by this Division and a sum of Rs. 17,15,414 was realised during the year by the territorial divisions on timbers actually supplied. The Railway Board granted a letter of credit for Rs. 11,96,570 in favour of the Divisional Forest Officer, Utilisation Division, for paying up prices of sleepers to be supplied during the year.

The position regarding railway movement of timbers produced on orders from Central Government continued to be unsatisfactory as shown in the statement given below:—

| | Opening balance at the beginning of 1948-49. | Orders received during 1948-49. | Quantity despatched during 1948-49. | Balance at the close of the year. |
|-------|--|------------------------------------|---|--------------------------------------|
| Sawn | .. 429 tons | 1,126 tons 752 pieces. | 263 tons | 1,292 tons. 752 pieces. |
| Logs | .. 1,726 tons | 5,401 tons | 7 tons | 7,120 tons. |
| Poles | .. .... | 1,300 Nos. | .... | 1,300 Nos. |

The Utilisation Division continued to function as a liaison organisation for the Forest Directorate of West Bengal in the matter of sleeper supplies to the Railways. The following is a statement showing the position at the end of the year under report:—

| | Nos. |
|---|---------|
| Opening balance at the beginning of 1948-49 | 129,890 |
| Orders received during 1948-49 | 244,052 |
| Quantities supplied in 1948-49 | 101,707 |
| Balance at the close of the year 1948-49 | 272,235 |

The Forest Utilisation Officer also acts as a liaison officer for this province in matters of investigations and research work by the Forest Research Institute, Dehra Dun, on timbers and other forest products for testing their suitability for various industries.

The control of movement of timber by rail continued to be one of the important activities of the Division.

The organisation of a Forest Products Section in the existing Government Industrial Museum in Calcutta was under the consideration of the Directorate of Industries, West Bengal.

A Minor Forest Produce Branch of this Division was opened towards the end of the year.

A report on tanning tests on *khair* (*Acacia catechuoides*) wood, *sonalu* (*Cassia fistula*) and *gengwa* (*Eaccaecaria agallocha*) barks was received during the year from the Superintendent, Bengal Tanning Industries. The results obtained were not encouraging.

Barks of the following species were also sent to several tanning institutes for investigation as to their tanning properties but the results were not known by the end of the year:—

- (a) *Cerriops* spp. (*goran*).
- (b) *Heritiera minor* (*sundri*).
- (c) *Carapa obovata* (*dhundal*).
- (d) *Sonneratia apetala* (*keora*).
- (e) *Carapa molluccensis* (*passur*).
- (f) *Rhizophora conjugata* (*garjan*).

The management of the Central Library of the Forest Directorate, West Bengal, was transferred to the Utilisation Division from the Silvicultural Division towards the end of the year.

4. General.

54. The following is a list of officers with designations who held charge of the Research Divisions during 1948-49:—

| Division. | Name of officers. | Period held charge. |
|---------------------------|---------------------------------|--|
| Silvicultural Division .. | Sri A. C. Gupta, I.F.S. | 1st April 1948 to 31st December 1948. |
| | Sri S. S. Mondal, W.B.S.F.S. | 1st January 1949 to 31st March 1949. |
| Working Plans Division .. | Sri D. C. Chaudhuri, A.F.O. | 1st April 1948 to 31st March 1949. |
| Utilisation Division .. | Sri M. M. Sarkar, A.F.O. | 1st April 1948 to 9th November 1948. |
| | Sri K. N. Chaudhuri, W.B.S.F.S. | 10th November 1948 to 31st March 1949. |

CHAPTER VII—ADMINISTRATION.

55. **Director of Forests, West Bengal.**—The post was held by Sri S. Chaudhuri, I.F.S., throughout the year.

56. **Charges of Forest Circles.**—(i) *Northern Circle.*—Sri J. C. Nath, I.F.S., held charge during the year.

(ii) *Southern Circle.*—The following officers held charge of the circle for the period noted against each:—

- (1) Sri N. Pal, I.F.S., from 1st April 1948 to 31st December 1948.
- (2) Sri A. C. Gupta, I.F.S., from 1st January 1949 to end of the year.

Two temporary Forest Divisions, viz., Burdwan and Malda and a Sub-Division called the Birbhum Sub-Division at Suri were created under the Southern Circle during the year with effect from the 1st January 1949 under Government of West Bengal, Agriculture, Forests and Fisheries Department, Forests Branch, memorandum No. 46/6M-7/48, dated the 5th January 1949.

(iii) *Development Circle.*—This circle was created with effect from the 1st January 1949 under Government of West Bengal, Agriculture, Forests and Fisheries Department, Forests Branch, memorandum No. 46/6M-7/48, dated the 5th January, 1949. Sri N. Pal, I.F.S., took over charge of this circle and was in charge till the end of the year. The circle includes the

three Research Divisions, viz., Working Plans, Utilisation and Silvicultural Divisions, in addition to the West Bengal Forest School Division. Before the creation of the Development Circle these Divisions were under the control of the Director of Forests, West Bengal.

57. Cadre of West Bengal Senior Forest Service.—Sri P. K. Roy, Probationary Assistant Conservator of Forests, joined the West Bengal Senior Forest Service during the year on completion of his training at Dehra Dun, on the 15th April, 1948, in the Jalpaiguri Forest Division in the Northern Circle.

58. Reorganisation of the Subordinate Forest Service.—A proposal to this effect was under consideration of Government.

59. Divisional Permanent Clerical Staff.—Proposals for the increase of the cadre of permanent clerical posts were under consideration of Government.

The proposal for the creation of permanent posts of Accountant in Divisional Forest Offices was also under consideration of Government at the end of the year.

60. West Bengal Forest School.—Twenty-one students were deputed for training in the Foresters' Course, 1947-48, of which two were zamindary students. All the students appeared at the final examination and came out successful. The standard of the class was up to the mark.

Forty students were deputed for training in the Foresters' Course, 1948-49, including 6 from the adjoining States.

Four batches of Forest Guards, 20 in each batch, were trained during the year for getting proficiency in nursery and plantation work.

61. Retirement, casualties, etc.—(i) *Gazetted officers.*—The following officers retired from Government service during the year:—

- (1) Sri J. C. Bose, B.G.S., Personal Assistant to the Conservator of Forests, Northern Circle, West Bengal.
- (2) Sri A. N. Chakrabatti, Acting Assistant Forest Officer.
- (3) Sri A. K. Guha, Acting Assistant Forest Officer, died on the 19th January 1949.

(ii) *Subordinate and clerical establishments.*—The casualties during the year were as follows:—

| Particulars. | Forest Rangers. | Deputy Rangers. | Foresters and Overseers. | Forest Guards. | Peons, Orderlies, Dak-wallas, Chankidars, etc. | Clerks. | Grass-cutters and mahuts. | Launch crew. | Total. |
|-----------------------------------|-----------------|-----------------|--------------------------|----------------|--|---------|---------------------------|--------------|--------|
| (1) Died | .. | 1 | 2 | 8 | 1 | .. | .. | .. | 12 |
| (2) Retired | 1 | 1 | .. | 8 | 1 | .. | .. | .. | 11 |
| (3) Resigned | 1 | .. | 14 | 16 | 4 | .. | 1 | 1 | 37 |
| (4) Dismissed | .. | .. | 1 | 2 | .. | .. | .. | 1 | 4 |
| (5) Services dispensed with | .. | .. | 12 | 10 | 26 | .. | 3 | 10 | 61 |
| Total | 2 | 2 | 29 | 44 | 32 | .. | 4 | 12 | 125 |
| | (1) | (..) | (11) | (9) | (34) | (1) | (4) | (..) | (60) |

62. The relations between Revenue and Forest officials were, as usual cordial.

CHAPTER VIII—GENERAL.

63. **Forest villages.**—The following permanent and temporary forest villages were maintained at the close of the year:—

| Division. | Villages (numbers). | | | | Houses (numbers). | | | | Area in acres. | | | |
|------------------|---------------------|------------|------------|------------|-------------------|------------|------------|------------|----------------|------------|------------|------------|
| | 1948-49. | | 1947-48. | | 1948-49. | | 1947-48. | | 1948-49. | | 1947-48. | |
| | Permanent. | Temporary. | Permanent. | Temporary. | Permanent. | Temporary. | Permanent. | Temporary. | Permanent. | Temporary. | Permanent. | Temporary. |
| Darjeeling | 21 | 29 | 23 | 15 | 263 | 102 | 291 | 108 | 682 | 95 | 707 | 199 |
| Kalimpong | 8 | 10 | 8 | 10 | 159 | 245 | 157 | 212 | 250 | 245 | 173 | 249 |
| Kurseong | 23 | 4 | 22 | 4 | 384 | 11 | 377 | 20 | 628 | 17 | 577 | 54 |
| Jalpaiguri | 40 | .. | 41 | .. | 555 | .. | 576 | .. | 3,025 | .. | 2,573 | .. |
| Buxa | 37 | .. | 37 | .. | 707 | .. | 782 | .. | 4,609 | .. | 4,411 | .. |
| Total | 129 | 43 | 131 | 29 | 2,158 | 358 | 2,183 | 340 | 9,254 | 357 | 8,441 | 502 |

64. **Elephants.**—The elephant “Chandmati” of the Jalpaiguri Division died on the 12th February 1949. Hence the number of elephants at the close of the year stood at 10 against 11 of the previous year.

The elephant “Gajamati” attached to the Buxa Division gave birth to a male calf on 31st January 1949. Both the mother and the calf are keeping well.

65. **Steamer, motor launches and flats.**—The total number of launches at the close of the year stood at 5 as detailed below:—

- (i) M. L. “Banarani” (Tanac Tug), 220 h.p.
- (ii) M. L. “Banalata” (M.F.V.), 88 h.p.
- (iii) M. L. “Banabithi” (converted accommodation boat), 85 h.p.
- (iv) M. L. “Banabala”, 38 h.p.
- (v) M. B. “Banasri” (slug boat), 20 h.p.

66. **Wild birds and Animals Protection Act.**—One case of illicit shooting of a female deer was reported during the year in the Darjeeling Division.

67. **Death and injury caused by wild animals.**—One forest villager was reported to have been mauled by a bear in Rambi Forest of the Darjeeling Division during the year.

In the 24-Parganas Division 5 persons were killed by tigers. Of these, 4 were permit-holders belonging to the Indian Union, while the 5th was a fisherman hailing from Pakistan.

A considerable number of domestic animals were killed by tigers and leopards in the Jalpaiguri Division.

68. **Wild animals killed.**—The following statement shows the number of birds, animals and fish killed in the forest areas during the year:—

| All-India serial No. | Species. | | | | | Number killed during 1948-49. | Average of last 5 years ending 1947-48. |
|-------------------------|--------------------------------------|----|----|----|----|--|---|
| 1a | Tiger | .. | .. | .. | .. | 10 | 11.6 |
| 1b | Tigress | .. | .. | .. | .. | 4 | 5.1 |
| 2 | Leopard or panther | .. | .. | .. | .. | 35 | 27.4 |
| 3 | Wild cat | .. | .. | .. | .. | 8 | 8.4 |
| 8 | Wild dog | .. | .. | .. | .. | 6 | 4.6 |
| 9 | Marten | .. | .. | .. | .. | .. | 1.6 |
| 12 | Himalayan bear | .. | .. | .. | .. | 4 | 2.0 |
| 14 | Sloth bear | .. | .. | .. | .. | 4 | 2.8 |
| 15 | Wild elephant | .. | .. | .. | .. | .. | 3.0 |
| 17 | Gaur or bison | .. | .. | .. | .. | 1 | .. |
| 25 | Tahr | .. | .. | .. | .. | .. | 0.2 |
| 27 | Scrow or Himalayan goat antelope | .. | .. | .. | .. | 5 | 4.4 |
| 28 | Goral | .. | .. | .. | .. | 12 | 5.0 |
| 33 | Barking deer or kakar | .. | .. | .. | .. | 152 | 160.2 |
| 37 | Sambur | .. | .. | .. | .. | 20 | 29.6 |
| 38 | Cheetal or spotted deer or axis deer | .. | .. | .. | .. | .. | 1.4 |
| 39 | Hog deer or para | .. | .. | .. | .. | 21 | 32.6 |
| 42 | Pangolin | .. | .. | .. | .. | .. | .. |
| 43 | Crocodile | .. | .. | .. | .. | .. | .. |
| 44 | Gharial | .. | .. | .. | .. | .. | 2.2 |
| 45 | Python | .. | .. | .. | .. | .. | 3.0 |
| 46 | Other species (mentioned below) | .. | .. | .. | .. | 1,760 (a). | 1,569.6 |
| <hr/> | | | | | | | |
| (a) | Wild pig | .. | .. | .. | .. | 228 | |
| | Hare | .. | .. | .. | .. | 5 | |
| | Porcupine | .. | .. | .. | .. | 1 | |
| | Jungle fowl | .. | .. | .. | .. | 681 | |
| | Pea fowl | .. | .. | .. | .. | 44 | |
| | Imperial pigeon | .. | .. | .. | .. | 39 | |
| | Green pigeon | .. | .. | .. | .. | 40 | |
| | Pigeon | .. | .. | .. | .. | 59 | |
| | Kalij pheasant | .. | .. | .. | .. | 82 | |
| | Wood snipe | .. | .. | .. | .. | 47 | |
| | Partridge | .. | .. | .. | .. | 6 | |
| | Wild duck | .. | .. | .. | .. | 24 | |
| | Wood cock | .. | .. | .. | .. | 1 | |
| | Goonch | .. | .. | .. | .. | 4 | |
| | Fish cutley | .. | .. | .. | .. | 171 | |
| | Fish mahseer | .. | .. | .. | .. | 157 | |
| | Others | .. | .. | .. | .. | 171 | |
| | | | | | | <hr/> 1,760 <hr/> | |

A reward of Rs. 500 was paid during the year for killing three tigers in the 24-Parganas Division.

69. Shooting and Fishing Associations and Game Federation, West Bengal.—A notice was issued terminating the existing licenses with the Associations and the club in the Northern Circle on the 31st March 1949, but the order was kept in abeyance by Government.

70. General note.—The timber trade of the State did not appear to be flourishing due to booking restriction and customs barrier and acute shortage of railway wagons. In consequence a huge stock accumulated in the purchasers' depots in North Bengal. The sale of dry and selection coupes had to be postponed during the year in the Buxa Division. Some relief was felt by the purchasers in disposing of a portion of timber to the Assam Rail Link Project and some to the local tea gardens. Price of firewood went very high (nearly 400 per cent.) and the necessity of bringing the prices under control was very keenly felt. Departmental supply to the local tea gardens had to be started with the help of the departmental trucks, as a result of which price came down to normal.

Darjeeling continued to be full of seasonal visitors and displaced persons. Consequently, the demand for charcoal continued to be abnormally high throughout the year. Departmental charcoal operations were continued during the year and with the co-operation of the Kurseong Division the requirement of the town was met in full.

71. The writer of this report records here his appreciation of the services of officers and subordinates of all ranks for their ungrudging efforts needed by the times.

S. CHAUDHURI,

Conservator-General of Forests, West Bengal.

CALCUTTA,

The 14th December 1950.

FORM No. 7.

(Paragraphs 1—7.)

Area of Reserved Forests, Protected Forests, Unclassed or Public Forest Land and Leased Forests, etc., 1948-49.

| Division. | Range. | Civil district or territory. | Name of forests. | Area on 1st April 1948. | | Aided during the year. Acres. | Excluded or transferred to other heads. Acres. | Area on 31st March 1949. | | Number and date of notification, or transfer, etc. | Remarks. |
|-----------------------------|------------|------------------------------|--------------------------|-------------------------|-----------------------------|-------------------------------|--|--------------------------|-----------------------------|--|---|
| | | | | Acres. | Equivalent in square miles. | | | Acres. | Equivalent in square miles. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| RESERVED FORESTS. | | | | | | | | | | | |
| (Under Forest Directorate.) | | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | | |
| Darjeeling | .. | Darjeeling .. | .... | 71,398 | 111 | .. | .. | 71,398 | 111 | .. | |
| Kallimpong | Kallimpong | Darjeeling .. | Dolapchen Ridge Reserve. | .. | .. | 336 | .. | 336 | 1 | .. | Notification No. 4017-For., dated the 22nd June 1948. |
| | | | Other forests .. | 134,722 | 210 | .. | .. | 134,722 | 210 | .. | |
| | | | Total .. | 134,722 | 210 | 336 | .. | 135,058 | 211 | .. | |
| Kurseong | .. | Darjeeling .. | .... | 71,662 | 112 | .. | .. | 71,662 | 112 | .. | |
| Jalpaiguri | .. | Jalpaiguri .. | .... | 122,560 | 192 | .. | .. | 122,560 | 192 | .. | |
| Buxa | .. | Jalpaiguri .. | .... | 239,434 | 374 | .. | .. | 239,434 | 374 | .. | |
| | | | Total Northern Circle | 639,776 | 999 | 336 | .. | 640,112 | 1,000 | .. | |

| Southern Circle. | Basirhat and Namkhana. | 24-Parganas | ..... | 1,042,815 | 1,630 | .. | .. | 1,042,815 | 1,630 | .. |
|---|------------------------|---------------|--|-----------|-------|-----|----|-----------|-------|----|
| | | | | | | | | | | |
| | | | Total Southern Circle | 1,042,815 | 1,630 | .. | .. | 1,042,815 | 1,630 | .. |
| | | | Total reserved forests under Forest Directorate, West Bengal. | 1,632,591 | 2,629 | 336 | .. | 1,632,927 | 2,630 | .. |
| (Under other Directorates and Departments.) | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | |
| Darjeeling | .. | Darjeeling .. | .... | 1,497 | 2 | .. | .. | 1,497 | 2 | .. |
| Kalimpong | .. | Darjeeling .. | .... | 9,308 | 15 | .. | .. | 9,308 | 15 | .. |
| Kurseong | .. | Darjeeling .. | .... | 289 | .. | .. | .. | 289 | .. | .. |
| Jalpaiguri | .. | Jalpaiguri .. | .... | 694 | 1 | .. | .. | 694 | 1 | .. |
| Buxa | .. | Jalpaiguri .. | .... | 613 | 1 | .. | .. | 613 | 1 | .. |
| | | | * Total reserved forests under other Directorates and Departments in the Northern Circle and in West Bengal. | 12,371 | 19 | .. | .. | 12,371 | 19 | .. |
| | | | Total reserved forests in West Bengal. | 1,694,962 | 2,643 | 336 | .. | 1,695,298 | 2,649 | .. |

In charge of Civil and Works and Buildings Directorates, Basirhat and Namkhana and Municipal Authorities.

In charge of Civil, Cinchona, Works and Buildings and Public Health Directorates.

In charge of Cinchona, Civil, Education, Works and Buildings Directorates, Kurseong Municipality and Darjeeling Hill-station Railway.

In charge of Assam Railway and Works and Buildings Directorate.

In charge of Assam Railway District Bengal, Forest Department, and Works and Buildings Directorate.

| Division. | Range. | Civil district or territory. | Name of forests. | Area on 1st April 1949. | | Added during the year. Acres. | Excluded or transferred to other heads. Acres. | Area on 31st March 1949. | | Number and date of notification of addition or transfer, etc. | Remarks. |
|--|--------|------------------------------|---|-------------------------|-----------------------------|-------------------------------|--|--------------------------|-----------------------------|---|-----------------------------------|
| | | | | Acres. | Equivalent in square miles. | | | Acres. | Equivalent in square miles. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| PROTECTED FORESTS. (Under Forest Directorate.) | | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | | |
| Kalimpong .. | .. | Darjeeling .. | Kalimpong Development area. | 173 | .. | .. | .. | 173 | .. | .. | |
| | | | Total protected forests under Forest Directorate in the Northern Circle and in West Bengal. | 173 | .. | .. | .. | 173 | .. | .. | |
| (Under other Directorates and Departments.) | | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | | |
| Darjeeling .. | .. | Darjeeling .. | Jalpaiguri Cantonment. Leibong Cantonment | 294 76 | 1 } | .. | .. | 294 76 | 1 } | .. | In charge of Military Department. |
| | | | Total protected forests under other Directorates and Departments in the Northern Circle and in West Bengal. | 370 | 1 | .. | .. | 370 | 1 | .. | |
| | | | Total protected forests in the Northern Circle and in West Bengal. | 543 | 1 | .. | .. | 543 | 1 | .. | |

UNCLASSIFIED STATE FORESTS AND LANDS.

Southern Circle.

Midnapore ..
Midnapore ..
Midnapore ..

Contal ..
Arabari ..
Arabari ..

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Midnapore ..
Midnapore ..

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Khas forests over
which the Forest
Directorate has the
right to levy fees for
the export of forest
products therefrom.

Jalpaiguri ..

Jalpaiguri ..

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Under Khas Mahal
Department.
Ditto.

(a) Vide memoran-
dum No. 1414R.,
dated the 13th June
1947, from the
Commissioner, Raj-
shahi Division, to
the Conservator of
Forests, Northern
Circle.

| | | | | | | | | |
|---|-----------|-------|-----|----|----|-----------|-------|----|
| Alampur Forests. | 529 | 1 | .. | .. | .. | 529 | 1 | .. |
| Bombing Range Area | 952 | 1 | .. | .. | .. | 952 | 1 | .. |
| Leper Colony .. | 740 | 1 | .. | .. | .. | 740 | 1 | .. |
| Total unclassified State forests and lands in the Southern Circle and in West Bengal. | 2,221 | 3 | .. | .. | .. | 2,221 | 3 | .. |
| Maynaguri .. | (a) 181 | .. | .. | .. | .. | 181 | .. | .. |
| Falakata .. | 648 | 1 | .. | .. | .. | 648 | 1 | .. |
| Total Jalpaiguri Division. | 829 | 1 | .. | .. | .. | 829 | 1 | .. |
| Alipur-Duar .. | 1,218 | 2 | .. | .. | .. | 1,218 | 2 | .. |
| Bholka .. | 139 | .. | .. | .. | .. | 139 | .. | .. |
| Total Buxa Division | 1,357 | 2 | .. | .. | .. | 1,357 | 2 | .. |
| Total such khas forests in the Northern Circle and in West Bengal. | 2,186 | 3 | .. | .. | .. | 2,186 | 3 | .. |
| Total reserved forests, protected forests and unclassified forests and lands and khas forests concerning the Forest Directorate in West Bengal. | 1,699,912 | 2,655 | 336 | .. | .. | 1,700,248 | 2,656 | .. |

| Division. | Range. | Civil district or territory. | Name of forests. | Area on 1st April 1948. | | Added during the year. Acres. | Excluded or transferred to other heads. Acres. | Area on 31st March 1949. | | Number and date of notification of addition or transfer, etc. | Remarks. |
|-------------------------|------------------------|------------------------------|---|-------------------------|-----------------------------|-------------------------------|--|--------------------------|-----------------------------|---|----------|
| | | | | Acres. | Equivalent in square miles. | | | Acres. | Equivalent in square miles. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| LEASED LANDS. | | | | | | | | | | | |
| Southern Circle. | | | | | | | | | | | |
| 24-Parganas .. | | | | | | | | | | | |
| | Basirhat and Namkhana. | 24-Parganas | ..... | 772,069 | 1,207 | .. | .. | 772,069 | 1,207 | .. | |
| | | | Total leased lands in the Southern Circle in West Bengal. | 772,069 | 1,207 | .. | .. | 772,069 | 1,207 | .. | |
| | | | Total reserved forests, protected forests, unclassified State forests and lands, khas forests concerning the Forest Directorate and leased land in West Bengal. | 2,471,981 | 3,862 | 336 | .. | 2,472,317 | 3,863 | .. | |

FORM No. 8.

(Paragraphs 8 and 9.)

Progress made in Forest Settlements during the year 1948-49.

| Forest division. | Civil district or territory. | Name of forest. | Area in square miles. | | | Cost during year. | | Entire cost per square mile of area finally settled. | Government notification of settlement. | |
|-------------------------|------------------------------|---------------------------|------------------------------|--|----------------------------|---------------------|--------------------|--|--|-----------|
| | | | Finally settled during year. | In hand at commencement of year but not yet finally settled. | Taken in hand during year. | In forest accounts. | In other accounts. | | Number. | Date. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| NORTHERN CIRCLE. | | | | | | | | | | |
| Kalimpong | Darjeeling | Dolapchen Ridge. | 0.53 | (a) 0.53 | .. | 44,965 | .. | .. | 4017For. | 22-6-1948 |
| | | Total Northern Circle. | 0.53 | 0.53 | .. | 44,965 | .. | .. | .. | .. |
| SOUTHERN CIRCLE. | | | | | | | | | | |
| Midnapore | Midnapore | Arabari (Bombing Range). | .. | 1.49 | .. | .. | .. | .. | .. | .. |
| | | Arabari (Leper Colony). | .. | 1.16 | .. | .. | .. | .. | .. | .. |
| | | Total Southern Circle. | .. | 2.65 | .. | .. | .. | .. | .. | .. |
| | | Grand Total, West Bengal. | 0.53 | 3.18 | .. | .. | .. | .. | .. | .. |

(a) The area of 0.54 square mile shown in the previous year's form was finally altered to 0.53 square mile after survey.

FORM No. 9.

(Paragraphs 10 and 11.)
Record of Demarcation and Maintenance of Boundaries, 1948-49.

| Division. | 1 | Length of boundaries artificially demarcated during the year. | 2 | Length of previously existing boundaries repaired. | 3 | Length of previously existing boundaries not repaired. | 4 | Total length of artificially marked boundaries at close of the year. | 5 | Length of boundaries still to be demarcated at close of the year. | 6 | Length of natural boundaries not requiring artificial marks. | 7 | Total length of boundaries at close of the year. | Expenditure on demarcation during the year. | | Remarks. |
|---------------------------|---|---|-----|--|-----|--|-----|--|----|---|----|--|-------|--|---|-------------|----------|
| | | | | | | | | | | | | | | | On new work. | On repairs. | |
| | | Miles. | | Miles. | | Miles. | | Miles. | | Miles. | | Miles. | | Miles. | 9 | 10 | |
| RESERVED FORESTS. | | | | | | | | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | | | | | | | | |
| Darjeeling .. | | .. | 105 | 53 | 153 | 26(a) | 74 | 232 | .. | .. | .. | 74 | 232 | .. | .. | 954 | |
| Kalimpong .. | | 6 | 186 | 218 | 218 | 7 | 291 | 291 | .. | .. | .. | 73 | 291 | 8,090 | .. | 3,460 | |
| Kurseong .. | | .. | 115 | 122 | 122 | .. | 129 | 251 | .. | .. | .. | 129 | 251 | .. | .. | 1,519 | |
| Jalpaiguri .. | | .. | 168 | 12 | 180 | 12 | 150 | 333 | .. | .. | .. | 150 | 333 | .. | .. | 1,785 | |
| Buxa .. | | .. | 178 | 60 | 238 | 60 | 97 | 335 | .. | .. | .. | 97 | 335 | .. | .. | 2,122 | |
| Total Northern Circle .. | | 6 | 752 | 158 | 916 | 158 | 523 | 1,442 | .. | .. | .. | 523 | 1,442 | 8,090 | .. | 9,840 | 11 |
| Southern Circle. | | | | | | | | | | | | | | | | | |
| 24-Parganas .. | | .. | 6 | .. | 6 | .. | 298 | 304 | .. | .. | .. | 298 | 304 | .. | .. | 100 | |
| Total Southern Circle .. | | .. | 6 | .. | 6 | .. | 298 | 304 | .. | .. | .. | 298 | 304 | .. | .. | 100 | |
| Total West Bengal .. | | 6 | 758 | 158 | 922 | 158 | 821 | 1,746 | .. | .. | .. | 821 | 1,746 | 8,090 | .. | 9,940 | |
| UNSETTLED FORESTS. | | | | | | | | | | | | | | | | | |
| Southern Circle. | | | | | | | | | | | | | | | | | |
| Midnapore .. | | 6 | 3 | .. | 9 | .. | .. | 9 | .. | .. | .. | .. | 9 | .. | 1,160 | .. | |
| Total .. | | 6 | 3 | .. | 9 | .. | .. | 9 | .. | .. | .. | .. | 9 | .. | 1,160 | .. | |
| Grand Total, West Bengal | | 12 | 761 | 158 | 931 | 158 | 821 | 1,755 | .. | .. | .. | 821 | 1,755 | 9,250 | .. | 9,940 | |

(a) Seven miles maintained by the Civil Department and 19 miles by the Cinchona Department.

FORM No. 10.

(Paragraph 12.)

Statement showing forest areas surveyed and under survey by the Survey of India Department during the year 1948-49.

| Division. | Topographical surveys. | | | | | | | | | | Ordinary surveys not paid for by Forest Department. | | | | | | | | | | Total area as per Form No. 7. |
|---|--|----------|--------------|----------|---|------------------------------------|----------|-----------|--------|--------|---|--------------|----------|--------------------|--------|--------------|-----------------------|---|--------|--|-------------------------------|
| | Special surveys paid for by Forest Department. | | | | | | | | | | Boundary surveys. | | | | | | | | | | |
| | Previous. | | Of the year. | | | Cost. | | Previous. | | | | Of the year. | | Pre-vious. | | Of the year. | Total areas surveyed. | Area remain- ing to be sur- veyed. | | | |
| | 4" = 1M. | 2" = 1M. | 4" = 1M. | 2" = 1M. | Incur- red during the year. | Total to the end of year. | 2" = 1M. | 4" = 1M. | Sq. m. | Sq. m. | Rs. | Sq. m. | 2" = 1M. | Smaller scales. | Sp. m. | | | | Sq. m. | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | | | | | | |
| RESERVED FORESTS. | | | | | | | | | | | | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | | | | | | | | | | | | |
| Darjeeling | 111 | .. | .. | .. | .. | 12,315 | .. | .. | .. | .. | .. | .. | 111 | 2 | 113 | | | | | | |
| Kalimpong | 221 | .. | .. | .. | .. | 19,385 | .. | .. | .. | .. | .. | .. | 221 | 5 | 226 | | | | | | |
| Kurseong | 112 | .. | .. | .. | .. | 7,702 | .. | .. | .. | .. | .. | .. | 112 | .. | 112 | | | | | | |
| Jalpaiguri | 179 | .. | .. | .. | .. | 20,819 | .. | .. | .. | .. | .. | .. | 179 | 14 | 193 | | | | | | |
| Buxa | 311 | .. | .. | .. | .. | 36,844 | .. | 42 | .. | .. | .. | .. | 353 | 22 | 375 | | | | | | |
| Total Northern Circle | 934 | .. | .. | .. | .. | 97,065 | .. | 42 | .. | .. | .. | .. | 976 | 43 | 1,019 | | | | | | |
| Southern Circle. | | | | | | | | | | | | | | | | | | | | | |
| 24-Parganas | .. | 1,585 | .. | .. | .. | 81,062 | .. | .. | .. | .. | .. | .. | 1,585 | 45 | 1,630 | | | | | | |
| Total Southern Circle | .. | 1,585 | .. | .. | .. | 81,062 | .. | .. | .. | .. | .. | .. | 1,585 | 45 | 1,630 | | | | | | |
| Total Reserved Forests in West Bengal | 934 | 1,585 | .. | .. | .. | 1,78,127 | .. | 42 | .. | .. | .. | .. | 2,561 | 88 | 2,649 | | | | | | |
| PROTECTED FORESTS. | | | | | | | | | | | | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | | | | | | | | | | | | |
| Darjeeling | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | | | | | | |
| Kalimpong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | | | | | | |
| Total Protected Forests in the Northern Circle and in West Bengal | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 1 | | | | | | |
| Grand Total of Reserved and Protected Forests in West Bengal. | 934 | 1,585 | .. | .. | .. | 1,78,127 | .. | 42 | .. | .. | .. | .. | 2,561 | 89 | 2,650 | | | | | | |

FORM No. 11.
(Paragraphs 13—15).
Progress made in Working Plans during the year 1948-49.

| Division. | Area under sanctioned working plans. | | | | | | Area not under working plans. | | | | Revisions. | | | | Expenditure on working plans during the year. | Remarks. | |
|-----------------------|--------------------------------------|----|--------------------|-----------------------|-------------------|--|-------------------------------|--------|------------------------------|--------------------------|---|-----|-----------------------------|----|--|----------|---------------------------------------|
| | At commencement of year. | | Added during year. | Deducted during year. | At close of year. | | Plans under preparation. | | Plans not under preparation. | | Total Forest area in Form No. 7 (total of columns 6, 7, 8 and 9). | | In progress at end of year. | | | | Revised plans sanctioned during year. |
| | | | | | Actual area. | Percentage of total forest area (as shown in column 10). | | | Required at present. | Not required at present. | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | | | 15 |
| RESERVED FORESTS. | | | | | | | | | | | | | | | | | |
| Northern Circle. | | | | | | | | | | | | | | | | | |
| Darjeeling | 111 | .. | .. | 111 | 98.2 | .. | .. | (a) 2 | 113 | 111 | 111 | .. | 3,540 | | (a) In charge of the Civil and Works and Buildings Directorates, Scoda Missions and Municipal authorities. | | |
| Kalimpong | 210 | 1 | .. | 211 | 93.4 | (b) | .. | (c) 15 | 226 | 211 | 211 | .. | 581 | | (b) The area for which plan is under preparation, is only 178 acres. This being less than 1/4 square mile is not shown in this column. | | |
| Kurseong | 112 | .. | .. | 112 | 100 | .. | .. | .. | 112 | .. | .. | .. | 300 | | (c) In charge of Civil, Industries, Works and Buildings and Public Health Directorates. | | |
| Jalpaiguri | 192 | .. | .. | 192 | 99.5 | .. | .. | (d) 1 | 193 | .. | .. | 192 | 205 | | (d) In charge of Assam Railway and Works and Buildings Directorate. | | |
| Buxa | 367 | .. | .. | 367 | 97.9 | 7 | .. | (e) 1 | 375 | .. | .. | 374 | 464 | | (e) In charge of Assam Railway District Board, Postal Department and Works and Buildings Directorate. | | |
| Total Northern Circle | 992 | 1 | .. | 993 | 97.4 | 7 | .. | 19 | 1,019 | 322 | 322 | 566 | 5,090 | | | | |

FORM No. 12.

(Paragraphs 16—19.)

Statement showing Communications and Buildings during the year 1948-49.

| New works undertaken during the year. | | | | | | | | | | | | | | | | | |
|---------------------------------------|----------------------|-------------|--|----------|------------------|---------|---------------|--------|---------|---------|---------------------------------|--------|-----------------------------|--------|---------------------------------|------|------|
| Division. | Buildings. | | | | Roads and paths. | | | | | | | | Other works. | | Total expenditure on new works. | | |
| | Expenditure on— | | | | Cart roads. | | Bridle paths. | | Others. | | Total length of paths or roads. | | Total expenditure incurred. | | | | |
| | Headquarters houses. | Hut houses. | Houses for subordinate establishments. | Others. | 3 | Length. | | Cost. | | Length. | | Cost. | | | | | |
| | | | | | | 2(a) | 2(b) | 2(c) | 2(d) | 4(a) | 4(b) | | | 4(c) | | 4(d) | 4(e) | 4(f) |
| 1 | Rs. | Rs. | Rs. | Rs. | Rs. | Miles. | Rs. | Miles. | Rs. | Miles. | Rs. | Miles. | Rs. | 7 | 8 | | |
| NORTHERN CIRCLE. | | | | | | | | | | | | | | | | | |
| Darjeeling .. | .. | 750 | 999 | 12,660 | 14,409 | .. | .. | .. | .. | .. | .. | .. | .. | 1,000 | 15,409 | | |
| Kalimpong .. | .. | .. | 18,375 | .. | 18,375 | 19.25 | 27,500 | .. | .. | ..25 | 2,750 | 10.50 | 30,250 | 8,160 | 56,785 | | |
| Kurseong .. | .. | 3,650 | 3,500 | 20,309 | 27,459 | 1.50 | 4,000 | .. | .. | .. | .. | 1.50 | 4,000 | 1,900 | 35,359 | | |
| Jalpaiguri .. | .. | 1,000 | 425 | 11,696 | 13,121 | .. | .. | .. | .. | .. | .. | .. | .. | 1,369 | 14,490 | | |
| Buxa .. | .. | 1,070 | 10,844 | 55,378 | 67,301 | .. | .. | .. | .. | .. | .. | .. | .. | 3,069 | 70,370 | | |
| Total Northern Circle .. | .. | 6,479 | 34,143 | 1,00,043 | 1,40,665 | 20.75 | 31,500 | .. | .. | ..25 | 2,750 | 21 | 34,250 | 15,498 | 1,90,413 | | |

Repairs executed during the year.

| Division. | Buildings. | | | | | | | | Roads and paths. | | | | | | | | Other works. | | | | | | | | | | |
|-----------------------|----------------------|--------------|---------------------------------------|---------|-----------------------------|-------|----------|-------|------------------|--------|---------------|----------|----------|--------|---------------------------------|----------|-----------------------------|----------|----------|--------|----------|----------|--------|-----------------------------|----------|-----------------------------|--------|
| | Expenditure on— | | | | Total expenditure incurred. | | | | Cart roads. | | Bridle paths. | | Others. | | Total length of paths or roads. | | Total expenditure incurred. | | | | | | | | | | |
| | Headquarters houses. | Rest houses. | Houses for subordinate establishment. | Others. | Rs. | Rs. | Rs. | Rs. | 11(a) | 11(b) | Length. | Cost. | 11(c) | Miles. | Length. | Cost. | 11(d) | Miles. | 11(e) | Cost. | 11(f) | Rs. | Miles. | Total expenditure incurred. | Rs. | Total expenditure incurred. | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN CIRCLE. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Darjeeling .. | 1,261 | 1,259 | 2,393 | 959 | 5,872 | 27 | 30,288 | 239 | 5,141 | 22 | 240 | 288 | 35,669 | 1,536 | 43,077 | 1,536 | 43,077 | 1,536 | 43,077 | 1,536 | 43,077 | 1,536 | 43,077 | 1,536 | 43,077 | 1,536 | 43,077 |
| Kalimpong .. | 775 | 4,525 | 8,701 | 1,722 | 15,723 | 65.9 | 6,732 | 101.3 | 2,869 | 34.24 | 1,816 | 201.44 | 11,417 | 4,726 | 31,866 | 11,417 | 4,726 | 31,866 | 11,417 | 4,726 | 31,866 | 11,417 | 4,726 | 31,866 | 11,417 | 4,726 | |
| Kurseong .. | 407 | 2,180 | 5,460 | 206 | 8,253 | 81 | 10,914 | 156 | 1,586 | .. | .. | 237 | 12,500 | 3,700 | 24,453 | 12,500 | 3,700 | 24,453 | 12,500 | 3,700 | 24,453 | 12,500 | 3,700 | 24,453 | 12,500 | 3,700 | |
| Jalpaiguri .. | 1,708 | 2,664 | 8,938 | 2,317 | 15,627 | 197 | 37,815 | 6 | 57 | 22 | 6,122 | 215 | 42,994 | 2,131 | 60,752 | 42,994 | 2,131 | 60,752 | 42,994 | 2,131 | 60,752 | 42,994 | 2,131 | 60,752 | 42,994 | 2,131 | |
| Buxa .. | 905 | 5,768 | 7,689 | 1,315 | 15,677 | 253 | 33,417 | 54 | 1,513 | 60 | 1,800 | 367 | 36,790 | 19,061 | 71,528 | 36,790 | 19,061 | 71,528 | 36,790 | 19,061 | 71,528 | 36,790 | 19,061 | 71,528 | 36,790 | 19,061 | |
| Total Northern Circle | 5,056 | 16,396 | 33,181 | 6,519 | 61,152 | 613.9 | 1,19,166 | 556.3 | 11,166 | 138.24 | 9,038 | 1,308.44 | 1,39,370 | 31,154 | 2,31,676 | 1,39,370 | 31,154 | 2,31,676 | 1,39,370 | 31,154 | 2,31,676 | 1,39,370 | 31,154 | 2,31,676 | 1,39,370 | 31,154 | |
| SOUTHERN CIRCLE. | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 24 Parganas .. | .. | .. | 1,620 | .. | 1,620 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Midnapore .. | 935 | 165 | 252 | 789 | 2,141 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Central .. | 3,649 | .. | .. | .. | 3,649 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Bankura .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |
| Total Southern Circle | 4,584 | 165 | 1,872 | 789 | 7,410 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | |

DEVELOPMENT CIRCLE.

| | | | | | | | | | | | | | | | | | | |
|---------------------------|----|--------|--------|--------|-------|--------|-------|----------|-------|--------|--------|-------|----------|----------|--------|----------|-------|-------|
| West Bengal Forest School | .. | 462 | 364 | 3,165 | 97 | 4,088 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,803 | 5,891 |
| Silvicultural | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total Development Circle | .. | 462 | 364 | 3,165 | 97 | 4,088 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,803 | 5,891 |
| Total West Bengal | .. | 10,102 | 16,925 | 88,218 | 7,405 | 72,650 | 613.9 | 1,19,166 | 556.3 | 11,166 | 139.43 | 9,138 | 1,309.63 | 1,39,470 | 39,521 | 2,51,641 | | |

FORM No. 13.

(Paragraphs 20—24.)

Statement showing register of breaches of Forest Rules during the year 1948-49.

| Forest Division. | Cases pending from previous year. | | | New cases of the year. | | | | | | | | | | | | | | | Total. | | |
|-----------------------|-----------------------------------|------|-----|----------------------------|----|----|-----------------------|-----|----|-----------------------|-----|----|-----------------|-----|----|----|-------|----|--------|--|--|
| | | | | Injury to forests by fire. | | | Unauthorised felling. | | | Unauthorised grazing. | | | Other offences. | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | |
| A | B | All. | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C | | | | |
| 1 | | | | | | | | | | | | | | | | | | | | | |
| NORTHERN CIRCLE. | | | | | | | | | | | | | | | | | | | | | |
| Darjeeling | 66 | 6 | 72 | .. | .. | .. | 14 | 46 | 3 | .. | 46 | .. | 4 | 413 | .. | 18 | 505 | 3 | | | |
| Kalimpong | .. | .. | .. | .. | .. | 1 | 5 | 179 | 3 | .. | 63 | .. | .. | 14 | 1 | 5 | 256 | 5 | | | |
| Kurseong | 2 | 3 | 5 | .. | .. | 1 | 1 | 47 | 2 | .. | 56 | .. | .. | 273 | 3 | 1 | 376 | 6 | | | |
| Jalpaiguri | 5 | 7 | 12 | .. | .. | .. | 1 | 93 | 5 | .. | 229 | .. | 1 | 107 | 2 | 2 | 429 | 7 | | | |
| Buxa | (a) | 17 | 17 | .. | 1 | .. | 1 | 113 | 1 | .. | 121 | .. | .. | 96 | .. | 1 | 331 | 1 | | | |
| Total Northern Circle | 73 | 33 | 106 | .. | 1 | 2 | 22 | 478 | 14 | .. | 515 | .. | 5 | 908 | 6 | 27 | 1,897 | 22 | | | |
| SOUTHERN CIRCLE. | | | | | | | | | | | | | | | | | | | | | |
| 24-Parganas | 7 | 7 | 14 | .. | .. | .. | 1 | 75 | 12 | .. | .. | .. | 2 | 25 | .. | 3 | 100 | 12 | | | |
| Bankura | .. | .. | .. | .. | .. | .. | 7 | .. | .. | .. | .. | .. | .. | .. | .. | 7 | .. | .. | | | |
| Total Southern Circle | 7 | 7 | 14 | .. | .. | .. | 8 | 75 | 12 | .. | .. | .. | 2 | 25 | .. | 10 | 100 | 12 | | | |
| Total West Bengal | 80 | 40 | 120 | .. | 1 | 2 | 30 | 553 | 26 | .. | 515 | .. | 7 | 928 | 6 | 37 | 1,997 | 34 | | | |

N.B.— A means cases taken into Court.

B means cases disposed of under section 68 of the Indian Forest Act, 1927.

C means undetected cases.

(a) Five "A" cases of 1947-48 were transferred to "B" during the year 1948-49.

| Forest Division. | Disposed of during the year. | | | | | | | | | | | | | | | | | | | Cases pending at close of year. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|------------------|------------------------------|--|--|--|--------------|--|----------|---|-------------|--|----------|---|--------|--|--|----------|---|---|---|---------------------------------|--|--|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|-----|
| | Total cases. | | | | Convictions. | | | | Acquittals. | | | | Total. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | Cases. | | Persons. | | Cases. | | Persons. | | Cases. | | | Persons. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | A | B | | | A | B | | | | A | B | A | B | | | | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A | B | A</ |

FORM No. 14.
Area of Forest Tracts protected from fire during 1948-49.
 (Paragraph 25.)

| Division. | Forest Range. | Year in which protection commenced. | Area attempted to be protected in 1947-48. | Area actually protected in 1947-48. | Area attempted to be protected in 1948-49. | Failures. | Area actually protected in 1948-49. | Cost. |
|-------------------------|---------------|-------------------------------------|--|-------------------------------------|--|-----------|-------------------------------------|-------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| NORTHERN CIRCLE. | | | | | | | | |
| Darjeeling | Tonglu | 1891-92 | 14,766 | 14,748 | 14,748 | 2 | 14,748 | .. |
| | Singalla | 1891-92 | 27,853 | 27,508 | 27,508 | .. | 27,508 | .. |
| | Senchal | 1879-80 | .. | .. | .. | .. | .. | .. |
| | Ghum-Simana | 1879-80 | .. | .. | .. | .. | .. | .. |
| | Takdah | 1885-86 | 12,066 | 11,961 | 11,961 | 42 | 11,919 | 2,647 |
| | Tata Valley | 1881-82 | .. | .. | .. | .. | .. | .. |
| | Darjeeling | 1918-19 | .. | .. | .. | .. | .. | .. |
| | Total | .. | 54,515 | 54,217 | 54,217 | 44 | 54,173 | 2,647 |
| | Kallimpong | 1879-80 | .. | .. | .. | .. | .. | .. |
| | .. | 1885-86 | .. | .. | .. | .. | .. | .. |
| | .. | 1903-04 | .. | .. | .. | .. | .. | .. |
| Kallimpong | .. | 1906-07 | .. | .. | .. | .. | .. | .. |
| | Chel | 1879-80 | 32,825 | 32,825 | 32,815 | .. | 32,825 | .. |
| | Neora | 1879-80 | 16,976 | 16,976 | 16,976 | .. | 16,976 | .. |
| | Jaldhaka | 1879-80 | 26,205 | 26,187 | 26,205 | .. | 26,205 | 1,052 |
| | Pankasari | 1924-25 | 40,393 | 40,379 | 40,393 | .. | 40,393 | .. |
| | Reclamation | 1942-43 | 173 | 173 | 173 | .. | 173 | .. |
| | .. | 1944-45 | 188 | 188 | 188 | 3 | 185 | .. |
| | .. | 1948-49 | .. | .. | 396 | .. | 396 | .. |
| | Total | .. | 134,895 | 133,576 | 135,231 | 3 | 135,233 | 1,052 |

| Division. | Forest Range. | Year in which protection commenced. | Area attempted to be protected in 1947-48. | | Area actually protected in 1947-48. | | Area attempted to be protected in 1948-49. | | Area actually protected in 1948-49. | | Cost. | | | | | | | | | |
|-----------|---------------|-------------------------------------|--|--------|-------------------------------------|--------|--|--------|-------------------------------------|-----|-------|-------|-------|-------|-----|-------|-------|----|-------|-----|
| | | | 4 | 5 | 6 | 7 | 8 | 9 | | | | | | | | | | | | |
| Buxa | Bajabathkawa | 1876-77 | } | 2,045 | 2,045 | 2,045 | 110 | 1,985 | 300 | E4. | | | | | | | | | | |
| | | 1905-06 | | | | | | | | | } | 3,435 | 3,409 | 3,435 | 100 | | | | | |
| | | 1924-25 | | | | | | | | | | | | | | | | | | |
| | | 1876-77 | | | | | | | | | | | | | | | | | | |
| | | 1905-06 | | | | | | | | | | | | | | | | | | |
| | | 1920-21 | | | | | | | | | | | | | | 1,042 | 1,042 | .. | 1,042 | 400 |
| | | 1922-23 | | | | | | | | | | | | | | | | | | |
| | | 1941-42 | | | | | | | | | | | | | | | | | | |
| | 1883-84 | | | | | | | | | | | | | | | | | | | |
| | 1888-89 | | | | | | | | | | | | | | | | | | | |
| | 1890-91 | | | | | | | | | | | | | | | | | | | |
| | 1895-06 | | | | | | | | | | | | | | | | | | | |
| | Nilpara | 1922-23 | } | 11,903 | 11,903 | 11,903 | 10 | 11,893 | 250 | | | | | | | | | | | |
| 1940-41 | | | | | | | | | | | | | | | | | | | | |
| 1879-80 | | | | | | | | | | | | | | | | | | | | |
| 1883-84 | | | | | | | | | | | | | | | | | | | | |
| 1923-24 | | | | | | | | | | | | | | | | | | | | |
| 1938-39 | | | | | | | | | | | | | | | | | | | | |
| 1939-40 | | | | | | | | | | | | | | | | | | | | |
| 1878-79 | | | | | | | | | | | | | | | | | | | | |
| | | 1895-96 | | | | | | | | | | | | | | | | | | |
| | | 1922-23 | | | | | | | | | | | | | | | | | | |
| | | 1923-24 | | | | | | | | | | | | | | | | | | |

| | | | | | | | | | | | |
|--------|----|----|--|----|---|---------|---------|---------|-----|---------|--------|
| Bholka | .. | .. | 1878-79 | .. | } | 1,432 | 1,332 | 1,432 | 19 | 1,413 | 250 |
| | | | 1882-83 | .. | | | | | | | |
| | | | 1895-96 | .. | | | | | | | |
| | | | 1899-1900 | .. | | | | | | | |
| | | | Total | .. | | 27,107 | 26,874 | 27,107 | 144 | 26,963 | 1,837 |
| | | | Grand Total, North-eastern Circle, and West Bengal | | | 375,007 | 372,184 | 375,045 | 211 | 374,834 | 10,916 |

FORM No. 15.
(Paragraph 25.)
Causes of forest fires, 1948-49.

| Division or Circle. | (A) | | (B) | | (C) Fire beginning inside the reserve or fire-traced area. | | | | | | | |
|--|---|----------------------|--|----------------------|---|----------------------|--|----------------------|---------------------|----------------------|-----------------------------------|----------------------|
| | Fires caused by accident or through carelessness in burning fire-lines. | | Fires entering the forests by crossing exterior fire-tracks. | | Owing to carelessness or accident. | | | | | | | |
| | No. of fires. | Area burnt in acres. | No. of fires. | Area burnt in acres. | By workmen employed in the forests by purchasers of forest produce and by Ya cutters. | | By villagers, travelling, passing through the forests. | | By railway engines. | | By lightning or by fire balloons. | |
| | 2 | 3 | 4 | 5 | No. of fires. | Area burnt in acres. | No. of fires. | Area burnt in acres. | No. of fires. | Area burnt in acres. | No. of fires. | Area burnt in acres. |
| 1 | | | | | | | | | | | | |
| NORTHERN CIRCLE. | | | | | | | | | | | | |
| Darjeeling | .. | .. | .. | .. | .. | .. | 4 | 44 | .. | .. | .. | .. |
| Kalimpong | .. | .. | .. | .. | .. | .. | 1 | 3 | .. | .. | .. | .. |
| Kurseong | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Jaldaguri | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Buxa | .. | 119 | .. | .. | 1 | 5 | .. | .. | .. | .. | .. | .. |
| Total, Northern Circle and West Bengal. | 4 | 119 | .. | .. | 1 | 5 | 5 | 47 | .. | .. | .. | .. |

| (C) Fires beginning inside the reserve or fire-traced area. | | | | | | | | | | | | |
|---|-------------------------------|----------------------------|---------------------|----------------------------|---|----------------------------|---------------------|----------------------------|---------------------|----------------------------|---------------------|----------------------------|
| Division or Circle. | By intentional firing. | | | | | | | | Total. | | Causes unknown. | |
| | In order to obtain new grass. | | | | In order to turn out game or to reduce cover. | | | | Maliciously fired. | | | |
| | No of fires. 14 | Area burnt in acres. 15 | No. of fires. 16 | Area burnt in acres. 17 | No. of fires. 18 | Area burnt in acres. 19 | No. of fires. 20 | Area burnt in acres. 21 | No. of fires. 22 | Area burnt in acres. 23 | No. of fires. 24 | Area burnt in acres. 25 |
| I | | | | | | | | | | | | |
| NORTHERN CIRCLE. | | | | | | | | | | | | |
| Darjeeling | .. | .. | .. | .. | .. | .. | 4 | 44 | .. | .. | 4 | 44 |
| Kalimpong | .. | .. | .. | .. | .. | .. | 1 | 3 | .. | .. | 1 | 3 |
| Kurseong | .. | .. | .. | .. | .. | .. | .. | .. | 1 | 20 | 1 | 20 |
| Jalpaiguri | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Buxa | .. | .. | .. | .. | .. | .. | 1 | 5 | 2 | 20 | 7 | 144 |
| Total, Northern Circle and West Bengal. | .. | .. | .. | .. | .. | .. | 6 | 52 | 3 | 40 | 13 | 211 |

FORM No. 16.

(Paragraphs 26—28.)

Statement of areas closed and open to grazing during 1948-49.

| Division. | Area closed to grazing of all animals throughout the year. | Area open to grazing throughout the year. | | Balance, that is, area open to grazing for a part of the year (and therefore closed for the remainder). | | Total. |
|--|--|---|-----------------------|---|-----------------------|------------|
| | | Of all animals. | Of non-browsers only. | Of all animals. | Of non-browsers only. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| | Sq. miles. | Sq. miles. | Sq. miles. | Sq. miles. | Sq. miles. | Sq. miles. |
| NORTHERN CIRCLE. | | | | | | |
| <i>Reserved Forests.</i> | | | | | | |
| Darjeeling .. | 49 | .. | 64 | .. | .. | 113 |
| Kalimpong .. | 163 | .. | 63 | .. | .. | 226 |
| Kurseong .. | 82 | .. | 30 | .. | .. | 112 |
| Jalpaiguri .. | 190 | .. | .. | .. | 3 | 193 |
| Buxa .. | 368 | .. | 7 | .. | .. | 375 |
| Total .. | 852 | .. | 164 | .. | 3 | 1,019 |
| <i>Protected Forests.</i> | | | | | | |
| Darjeeling .. | 1 | .. | .. | .. | .. | 1 |
| Total .. | 1 | .. | .. | .. | .. | 1 |
| <i>Khas Forests over which the Forest Directorate has the right to levy fees for the export of forest produce.</i> | | | | | | |
| Jalpaiguri .. | .. | 1 | .. | .. | .. | 1 |
| Buxa .. | 1 | 1 | .. | .. | .. | 2 |
| Total .. | 1 | 2 | .. | .. | .. | 3 |
| Total Northern Circle | 854 | 2 | 164 | .. | 3 | 1,023 |

| Division. | Area closed to grazing of all animals throughout the year. | Area open to grazing throughout the year. | | Balance, that is, area open to grazing for a part of the year (and therefore closed for the remainder). | | Total. |
|---------------------------------|--|---|-----------------------|---|-----------------------|--------|
| | | Of all animals. | Of non-browsers only. | Of all animals. | Of non-browsers only. | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| SOUTHERN CIRCLE. | | | | | | |
| <i>Reserved Forests.</i> | | | | | | |
| 24 Parganas .. | 1,630 | .. | .. | .. | .. | 1,630 |
| Total .. | 1,630 | .. | .. | .. | .. | 1,630 |
| <i>Unclassed State Forests.</i> | | | | | | |
| Midnapore .. | 3 | .. | .. | .. | .. | 3 |
| Total .. | 3 | .. | .. | .. | .. | 3 |
| Total Southern Circle | 1,633 | .. | .. | .. | .. | 1,633 |
| Grand Total, West Bengal .. | 2,487 | 2 | 164 | .. | 3 | 2,656 |

FORM No. 17.

(Paragraphs 26—28.)

Return of grazing in the State Forests of West Bengal during 1948-49.

Grazing on payment—Number of animals.

| Division. | At full rates. | | | | | | At privileged rates. | | | | | | |
|---|----------------|--------------------|------------------|---------|----------------|----------------|----------------------|--------------------|------------------|---------|----------------|----------------|----------------------|
| | Buffaloes. | Cows and bullocks. | Goats and sheep. | Camels. | Other animals. | Fees received. | Buffaloes. | Cows and bullocks. | Goats and sheep. | Camels. | Other animals. | Fees received. | |
| | | | | | | | | | | | | Actual. | Value at full rates. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |
| | | | | | | Rs. | | | | | | Rs. | Rs. |
| NORTHERN CIRCLE. | | | | | | | | | | | | | |
| Darjeeling .. | 11 | 786 | 77 | .. | 32 | 9,348 | .. | .. | .. | .. | .. | .. | .. |
| Kalimpong .. | 1 | 129 | .. | .. | 1 | 1,583 | 11 | 764 | .. | .. | .. | 4,612 | 13,836 |
| Kurseong .. | .. | 9 | .. | .. | .. | 155 | .. | .. | .. | .. | .. | .. | .. |
| Jalpaiguri .. | 52 | .. | .. | .. | 4 | 1,013 | .. | .. | .. | .. | .. | .. | .. |
| Buxa .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total, Northern Circle and West Bengal. | 64 | 924 | 77 | .. | 37 | 12,099 | 11 | 764 | .. | .. | .. | 4,612 | 13,836 |

| Division. | Grazing free—Number of animals. | | | | | | | | | | | | | | Grand total of value at full rates. |
|---|---------------------------------|---------------------------|------------------------|---------------|----------------------|------------------------------------|---|--------------------------|------------------------|---------------|----------------------|------------------------------------|------------------------------------|-------|-------------------------------------|
| | By right under settlement. | | | | | | During pleasure of Government or otherwise than under settlement. | | | | | | Total value of fees at full rates. | | |
| | Buf-faloes. 15 | Cows and bul-locks. 16 | Goats and sheep. 17 | Camels. 18 | Other animals. 19 | Value of fees at full rates. 20 | Buf-faloes. 21 | Cows and bullocks. 22 | Goats and sheep. 23 | Camels. 24 | Other animals. 25 | Value of fees at full rates. 26 | | | |
| I | | | | | | Rs. | | | | | | | | | Rs. |
| NORTHERN CIRCLE. | | | | | | | | | | | | | | | |
| Darjeeling .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 9,848 |
| Kalimpong .. | .. | .. | .. | .. | .. | .. | .. | 354 | .. | .. | .. | .. | 3,540 | 3,540 | 18,959 |
| Kurseong .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 155 |
| Jalpaiguri .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,013 |
| Buxa .. | .. | .. | .. | .. | .. | .. | 10 | 8 | .. | .. | .. | .. | 2,960 | 2,960 | 2,960 |
| Total, Northern Circle and West Bengal. | .. | .. | .. | .. | .. | .. | 10 | 362 | .. | .. | .. | .. | 6,500 | 6,500 | 32,435 |

FORM No. 18.

(Paragraphs 31—35.)

Progress in concentrated regeneration and afforestation during 1948-49 in West Bengal.

| Division. | Area under concentrated natural regeneration during the year. | Area regenerated mainly by coppice during the year. | Area artificially regenerated during the year. | | Total cost of regeneration operations during the year. |
|--|---|---|--|----------------|--|
| | | | In existing tree forest. | Afforestation. | |
| 1 | 2 | 3 | 4 | 5 | 6 |
| | Acres. | Acres. | Acres. | Acres. | Rs. a. p. |
| NORTHERN CIRCLE. | | | | | |
| Darjeeling .. | .. | .. | 311 | .. | 19,261 0 0 |
| Kalimpong .. | .. | .. | 377 | .. | 17,690 0 0 |
| Kurseong .. | 36 | .. | 337 | .. | 30,669 0 0 |
| Jalpaiguri .. | .. | .. | 528 | .. | 24,065 0 0 |
| Buxa .. | 172 | .. | 623 | .. | 37,042 0 0 |
| Total, Northern Circle and West Bengal | 208 | .. | 2,176 | .. | 1,28,727 0 0 |

Column 2—Includes all parts of Periodic Block I in process of natural regeneration.

Column 3—Shows coppice coupes felled during the year.

Column 4—Includes only those plantations first formed during the year.

Column 5—Includes lands artificially converted to forest during the year.

Column 6—Includes all costs of obtaining and tending natural or artificial young crops,
• i.e., the total of budget detailed head AIVb.

FORM No. 19.

(Paragraph 36.)

Outturn (in thousands of cubic feet solid) of timber and fuel during the year 1948-49 and agency of exploitation.

| Division. | Timber in the rough. (Logs.) | | | | | Timber in the rough. (Poles.) | | | | |
|-----------------------------|------------------------------|------------------|-------------------|--------------------|--------|-------------------------------|------------------|-------------------|--------------------|--------|
| | Govern- ment. | Pur- chasers. | Free grantees. | Right- holders. | Total. | Govern- ment. | Pur- chasers. | Free grantees. | Right- holders. | Total. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| NORTHERN CIRCLE. | | | | | | | | | | |
| <i>Reserved Forests.</i> | | | | | | | | | | |
| Darjeeling .. | 1 | 190 | .. | .. | 191 | 7 | 3 | .. | .. | 10 |
| Kalimpong .. | 52 | 536 | .. | .. | 588 | 3 | 1 | 1 | .. | 5 |
| Kurseong .. | 247 | 48 | .. | .. | 295 | 18 | 7 | .. | .. | 25 |
| Jalpaiguri .. | 119 | 503 | .. | .. | 622 | 11 | 23 | .. | .. | 34 |
| Buxa .. | 355 | 544 | 1 | .. | 900 | 17 | 24 | 1 | .. | 42 |
| Total Northern Circle .. | 774 | 1,821 | 1 | .. | 2,596 | 56 | 58 | 2 | .. | 116 |
| SOUTHERN CIRCLE. | | | | | | | | | | |
| <i>Reserved Forests.</i> | | | | | | | | | | |
| 24-Parganas .. | 1 | 16 | .. | .. | 17 | 3 | 2,493 | .. | .. | 2,496 |
| <i>Leased lands.</i> | | | | | | | | | | |
| 24-Parganas .. | .. | .. | .. | .. | .. | .. | 2 | .. | .. | 2 |
| Total Southern Circle .. | 1 | 16 | .. | .. | 17 | 3 | 2,495 | .. | .. | 2,498 |
| Grand Total, West Bengal .. | 775 | 1,837 | 1 | .. | 2,613 | 59 | 2,533 | 2 | .. | 2,614 |

| Division. | Sawn or square timber. | | | | | | Miscellaneous. | | | | |
|--------------------------|------------------------|------------------------|-------------------------|--------------------------|--------------|--|------------------------|------------------------|-------------------------|--------------------------|--------------|
| | Govern- ment. 12 | Pur- chasers. 13 | Free grantees. 14 | Right- holders. 15 | Total. 16 | | Govern- ment. 17 | Pur- chasers. 18 | Free grantees. 19 | Right- holders. 20 | Total. 21 |
| NORTHERN CIRCLE. | | | | | | | | | | | |
| <i>Reserved Forests.</i> | | | | | | | | | | | |
| Darjeeling .. | 28 | .. | .. | .. | 28 | | .. | .. | .. | .. | .. |
| Kalimpong .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | .. |
| Kurseong .. | 30 | 2 | .. | .. | 32 | | .. | .. | .. | .. | .. |
| Jalpaiguri .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | .. |
| Buxa .. | 19 | .. | .. | .. | 19 | | .. | .. | .. | .. | .. |
| Total Northern Circle .. | 77 | 2 | .. | .. | 79 | | .. | .. | .. | .. | .. |
| SOUTHERN CIRCLE. | | | | | | | | | | | |
| <i>Reserved Forests.</i> | | | | | | | | | | | |
| 24-Parganas .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | .. |
| <i>Leased lands.</i> | | | | | | | | | | | |
| 24-Parganas .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | .. |
| Total Southern Circle .. | .. | .. | .. | .. | .. | | .. | .. | .. | .. | .. |
| Grand Total, West Bengal | 77 | 2 | .. | .. | 79 | | .. | .. | .. | .. | .. |

| Division. | Total timber. | | | | | | Fus. | | | | | Total outturn. |
|-----------------------------|------------------|------------------|-------------------|--------------------|--------|--|------------------|------------------|-------------------|--------------------|--------|----------------|
| | Govern- ment. | Pur- chasers. | Free grantees. | Right- holders. | Total. | | Govern- ment. | Pur- chasers. | Free grantees. | Right- holders. | Total. | |
| 1 | 22 | 23 | 24 | 25 | 26 | | 27 | 28 | 29 | 30 | 31 | 32 |
| NORTHERN CIRCLE. | | | | | | | | | | | | |
| <i>Reserved Forests.</i> | | | | | | | | | | | | |
| Darjeeling .. | 36 | 193 | .. | .. | 229 | | 81 | 1,540 | 64 | .. | 1,685 | 1,914 |
| Kalimpong .. | 55 | 537 | 1 | .. | 593 | | 54 | 3,188 | 169 | .. | 3,411 | 4,004 |
| Kurseong .. | 295 | 57 | .. | .. | 352 | | 596 | 935 | 47 | .. | 1,578 | 1,930 |
| Jalpaiguri .. | 130 | 526 | .. | .. | 656 | | 22 | 4,277 | 19 | .. | 4,318 | 4,974 |
| Buxa .. | 391 | 568 | 2 | .. | 961 | | 766 | 4,064 | 137 | .. | 4,967 | 5,928 |
| Total Northern Circle .. | 907 | 1,881 | 3 | .. | 2,791 | | 9 | 14,004 | 436 | .. | 15,959 | 18,750 |
| SOUTHERN CIRCLE. | | | | | | | | | | | | |
| <i>Reserved forests.</i> | | | | | | | | | | | | |
| 24-Parganas .. | 4 | 2,509 | .. | .. | 2,513 | | .. | 1,398 | 14 | .. | 1,412 | 3,925 |
| <i>Leased lands.</i> | | | | | | | | | | | | |
| 24-Parganas .. | .. | 2 | .. | .. | 2 | | .. | .. | .. | .. | .. | 2 |
| Total Southern Circle .. | 4 | 2,511 | .. | .. | 2,515 | | .. | 1,398 | 14 | .. | 1,412 | 3,927 |
| Grand Total, West Bengal .. | 911 | 4,392 | 3 | .. | 5,306 | | 1,519 | 15,402 | 450 | .. | 17,371 | 22,677 |

FORM No. 20.

(Paragraph 36.)

Outturn of minor forest produce during the year 1948-49.

| Description of produce. | Produce removed or utilised. | | | | | | | | | | Total. | |
|--------------------------|------------------------------|--------|----------------|---------|-------------------|-----------|-------------------|--------|-----------|--------|-----------|----------|
| | By Government agency. | | By purchasers. | | By free grantees. | | By right-holders. | | Quantity. | Value. | | |
| | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | Quantity. | Value. | | | | |
| | | | | | | | | | | | | |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | Rs. | |
| NORTHERN CIRCLE. | | | | | | | | | | | | |
| <i>Reserved Forests.</i> | | | | | | | | | | | | |
| Bamboos | .. | Nos. | .. | 4,838 | 400 | 832,422 | 15,602 | 16,850 | 350 | .. | 854,110 | 16,391 |
| Grazing | .. | Value | .. | .. | .. | .. | 10,711 | .. | 6,500 | .. | .. | 23,211 |
| Fodder | .. | Value | .. | .. | .. | .. | 11,205 | .. | 1,899 | .. | .. | 13,104 |
| Cane | .. | Loads | .. | 1,342 | 1,001 | 12,771 | 13,624 | 43 | 22 | .. | 20,156 | 14,647 |
| Cane | .. | Mds. | .. | 30 | 180 | 2,134 | 2,482 | .. | .. | .. | 2,164 | 2,602 |
| Stone | .. | C.ft. | .. | 132,059 | 2,641 | 1,232,461 | 25,556 | 26,250 | 527 | .. | 1,380,770 | 25,724 |
| Thatch grass | .. | Value | .. | .. | 214 | .. | 12,557 | .. | 201 | .. | .. | 12,972 |
| Long pepper | .. | Value | .. | .. | .. | .. | 1,077 | .. | .. | .. | .. | 1,077 |
| Honey combs | .. | Nos. | .. | .. | .. | 39 | 39 | .. | .. | .. | 39 | 39 |
| Ivory | .. | Nos. | .. | 5 | 1,657 | .. | .. | .. | .. | .. | 5 | 1,657 |
| Rhinoceros horns | .. | Value | .. | .. | 1,950 | .. | .. | .. | .. | .. | .. | 1,950 |
| Khair (manufactured) | .. | Mds. | .. | 720½ | 1,87,265 | .. | .. | .. | .. | .. | 720½ | 1,87,265 |
| Miscellaneous | .. | Value | .. | .. | 3,376 | .. | 17,289 | .. | 250 | .. | .. | 20,915 |
| Total Northern Circle | .. | .. | .. | .. | 1,98,714 | .. | 1,16,142 | .. | 9,788 | .. | .. | 3,24,644 |

SOUTHERN CIRCLE.

Reserved Forests.

| | | | | | | | | | | | | | | |
|-----------------------|----|----|-------|----|-------|----------|--------|----------|----|-------|----|----|--------|----------|
| Honey | .. | .. | Mds. | .. | ‡ | 5 | 5,820 | 8,731 | .. | .. | .. | .. | 5,820 | 8,736 |
| Wax | .. | .. | Mds. | .. | ‡ | 1 | 1,907 | 5,557 | .. | .. | .. | .. | 1,907 | 5,558 |
| Golpetta | .. | .. | Mds. | .. | 3,000 | 120 | 96,050 | 6,729 | .. | .. | .. | .. | 96,050 | 6,849 |
| Miscellaneous | .. | .. | Value | .. | .. | 55 | .. | 10,558 | .. | .. | .. | .. | .. | 10,613 |
| Total Southern Circle | .. | .. | .. | .. | .. | 181 | .. | 31,575 | .. | .. | .. | .. | .. | 31,756 |
| Total, West Bengal | .. | .. | .. | .. | .. | 1,98,895 | .. | 1,47,717 | .. | 9,788 | .. | .. | .. | 3,56,400 |

FORM No. 21.

(Paragraphs 37, 38 and 47.)

Account of timber and other produce cut or collected by Government Agency and brought to depots, sold locally or otherwise disposed of during the year 1948-49.

| Name of Division. | Balance at commencement of the year in forests and sale depots. | Received during the year. | Total. | Disposed of during the year. | Balance in hand at close of the year in forests and sale depots. |
|-------------------------|---|---------------------------|-----------|------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| NORTHERN CIRCLE. | C.ft. | C.ft. | C.ft. | C.ft. | C.ft. |
| <i>Timber.</i> | | | | | |
| Darjeeling .. | 1,205 | 36,213 | 37,418 | 30,108 | 7,310 |
| Kalimpong .. | 11,879 | 54,803 | 66,682 | 39,043 | 27,639 |
| Kurseong .. | 175,827 | 295,177 | 471,004 | 245,627 | 225,377 |
| Jalpaiguri .. | 14,545 | 129,966 | 144,511 | 86,648 | 57,863 |
| Buxa .. | 24,687 | 390,614 | 415,301 | 75,317 | 339,984 |
| Total .. | 228,143 | 906,773 | 1,134,916 | 476,743 | 658,173 |
| <i>Fuel.</i> | | | | | |
| Darjeeling .. | 9,392 | 81,189 | 90,581 | 52,286 | 38,295 |
| Kalimpong .. | 3,520 | 54,277 | 57,797 | 39,102 | 18,695 |
| Kurseong .. | 148,729 | 595,582 | 744,311 | 482,754 | 261,557 |
| Jalpaiguri .. | 4,125 | 21,375 | 25,500 | 3,044 | 22,456 |
| Buxa .. | 169,384 | 766,217 | 935,601 | 799,507 | 136,094 |
| Total .. | 335,150 | 1,518,640 | 1,853,790 | 1,376,693 | 477,097 |
| <i>Bamboos.</i> | Nos. | Nos. | Nos. | Nos. | Nos. |
| Kalimpong .. | .. | 1,250 | 1,250 | 1,250 | .. |
| Kurseong .. | 400 | 463 | 863 | 763 | 100 |
| Jalpaiguri .. | .. | 1,500 | 1,500 | 1,500 | .. |
| Buxa .. | 1,000 | 1,625 | 2,625 | 2,625 | .. |
| Total .. | 1,400 | 4,838 | 6,238 | 6,138 | 100 |

| Name of Division. | Balance at commencement of the year in forests and sale depots. | Received during the year. | Total. | Disposed of during the year. | Balance in hand at close of the year in forests and sale depots. |
|-------------------------|---|---------------------------|----------|------------------------------|--|
| 1 | 2 | 3 | 4 | 5 | 6 |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| NORTHERN CIRCLE. | | | | | |
| <i>Minor produce.</i> | | | | | |
| Darjeeling .. | 8 | 400 | 408 | 408 | .. |
| Kalimpong .. | 311 | 4,540 | 4,851 | 3,387 | 1,464 |
| Kurseong | 643 | 2,125 | 2,768 | 2,458 | 310 |
| Jalpaiguri .. | .. | 341 | 341 | 64 | 277 |
| Buxa | (a) 62,623 | 1,90,908 | 2,53,531 | 2,685 | 2,50,846 |
| Total .. | 63,585 | 1,98,314 | 2,61,899 | 9,002 | 2,52,897 |
| SOUTHERN CIRCLE. | | | | | |
| <i>Timber.</i> | | | | | |
| | C.ft. | C.ft. | C.ft. | C.ft. | C.ft. |
| 24-Parganas .. | (a) 2,770 | 4,023 | 6,793 | 6,435 | 358 |
| Total .. | 2,770 | 4,023 | 6,793 | 6,435 | 358 |
| <i>Fuel.</i> | | | | | |
| 24-Parganas .. | (a) 22 | 572 | 594 | 484 | 110 |
| Total .. | 22 | 572 | 594 | 484 | 110 |
| <i>Minor produce.</i> | | | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. |
| 24-Parganas .. | (a) 5 | 181 | 186 | 169 | 17 |
| Total .. | 5 | 181 | 186 | 169 | 17 |

(a) Revised figures.

FORM No. 22.

(Paragraphs 37, 38 and 47).

Abstract showing the value of timber and other produce at Sale Depots for the year 1948-49.

| Description of timber and other produce. | On hand at commencement of the year. | | | On hand at close of the year. | | | Difference in value. | |
|--|--------------------------------------|-------------|------------|-------------------------------|---------|-----------|------------------------|-------------------|
| | No. | C.ft. | Value. | No. | C.ft. | Value. | In favour of the year. | Against the year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| | | | Rs. | | | Rs. | Rs. | Rs. |
| NORTHERN CIRCLE. | | | | | | | | |
| <i>Timber.</i> | | | | | | | | |
| Timber in round .. | 7,959 | 100,473 | 1,36,243 | 38,055 | 502,301 | 13,25,839 | 11,89,596 | .. |
| Sleepers .. | 7,177 | 9,069 | 13,904 | 10,193 | 14,223 | 52,383 | 38,479 | .. |
| Sawn timber other than sleepers .. | 169,320 | 118,601 | 3,83,219 | 225,928 | 141,649 | 5,41,416 | 1,58,197 | .. |
| Total .. | 184,456 | 228,143 | 5,33,366 | 274,176 | 658,173 | 19,19,638 | 13,86,272 | .. |
| <i>Fuel.</i> | | | | | | | | |
| Firewood and charcoal .. | .. | (a) 335,150 | 29,156 | .. | 477,097 | 56,462 | 27,306 | .. |
| Bamboos .. | 1,400 | .. | 100 | 100 | .. | 5 | .. | 95 |
| Minor produce .. | .. | .. | (a) 63,585 | .. | .. | 2,52,897 | 1,89,312 | .. |
| Total Northern Circle .. | .. | .. | 6,26,207 | .. | .. | 22,29,002 | 16,02,795 | .. |

SOUTHERN CIRCLE.*Timber.*

| | | | | | | | | |
|------------------------------------|-----------|-----------|----------|-----|-----|-----------|-----------|-----|
| Timber in round .. | (a) 2,559 | (a) 2,755 | (a) 310 | 162 | 216 | 39 | .. | 271 |
| Sawn timber other than sleepers .. | (a) 32 | (a) 15 | (a) 59 | 442 | 142 | 568 | 509 | .. |
| Total .. | (a) 2,591 | (a) 2,770 | (a) 369 | 604 | 358 | 607 | 238 | .. |
| <i>Fuel.</i> | | | | | | | | |
| Firewood and charcoal .. | .. | (a) 22 | (a) 3 | .. | 110 | 5 | 2 | .. |
| Minor produce .. | .. | .. | (a) 5 | .. | .. | 17 | 12 | .. |
| Total Southern Circle .. | .. | .. | (a) 377 | .. | .. | 629 | 252 | .. |
| Grand Total, West Bengal .. | .. | .. | 6,26,584 | .. | .. | 22,39,631 | 16,03,047 | .. |

(a) Corrected figures.

FORM No. 23.

(Paragraph 48).

Abstract showing the value of live and dead stock for the year 1948-49.

| Description of live and dead stock. | On hand at commencement of the year. | | On hand at close of the year. | | Difference in value. | |
|-------------------------------------|--------------------------------------|------------|-------------------------------|------------|------------------------|-------------------|
| | Number. | Value. | Number. | Value. | In favour of the year. | Against the year. |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
| NORTHERN CIRCLE. | | | | | | |
| <i>Live-stock.</i> | | | | | | |
| Elephants | 11 | Rs. 71,000 | 10 | Rs. 57,250 | Rs. .. | Rs. 13,750 |
| <i>Dead Stock.</i> | | | | | | |
| Buildings | 1,567 | 8,48,031 | 1,694 | 8,92,278 | 44,247 | .. |
| Stores (Mathematical) | 2,343 | 20,424 | 1,636 | 16,140 | .. | 4,284 |
| Furniture | 10,540 | 58,969 | 10,346 | 61,108 | 2,139 | .. |
| Tents | 19 | 4,205 | 14 | 2,009 | .. | 2,196 |
| Miscellaneous | 17,555 | 2,85,433 | 18,191 | 3,58,979 | 73,546 | .. |
| Total Dead stock | 32,024 | 12,17,062 | 31,881 | 13,30,514 | 1,13,452 | .. |
| Total Northern Circle | 32,035 | 12,88,062 | 31,891 | 13,87,764 | 99,702 | .. |
| SOUTHERN CIRCLE. | | | | | | |
| <i>Live-stock.</i> | | | | | | |
| Bullocks | 2 | 264 | 3 | 849 | 585 | .. |

| <i>Dead stock.</i> | | | | | | |
|------------------------------|-------|-----------|--------|-----------|----------|-------|
| Buildings .. | 91 | 2,05,311 | 131 | 4,56,548 | 2,51,237 | .. |
| Stores (Mathematical) .. | 279 | 5,397 | 427 | 9,992 | 4,595 | .. |
| Stores (Ordnance) .. | 22 | 10,800 | 26 | 11,390 | 580 | .. |
| Furniture .. | 751 | 2,3027 | 1,476 | 45,119 | 22,082 | .. |
| Tents .. | 10 | 2,277 | 21 | 5,542 | 3,265 | .. |
| Motor launches and boats .. | 1 | 1,16,000 | 5 | 1,84,500 | 68,500 | .. |
| Motor vehicles .. | 7 | 40,397 | (a) 12 | 55,297 | 14,900 | .. |
| Reats and <i>dinghies</i> .. | 54 | 51,390 | 55 | 50,220 | .. | 1,170 |
| Miscellaneous .. | 1,366 | 16,272 | 2,873 | 36,115 | 19,843 | .. |
| Total Dead stock .. | 2,581 | 4,70,871 | 5,026 | 8,54,723 | 3,83,852 | .. |
| Total Southern Circle .. | 2,583 | 4,71,135 | 5,029 | 8,55,572 | 3,84,437 | .. |
| DEVELOPMENT CIRCLE. | | | | | | |
| <i>Dead stock.</i> | | | | | | |
| Buildings .. | .. | .. | 31 | 73,542 | 73,542 | .. |
| Stores (Mathematical) .. | 275 | 3,000 | 1,010 | 8,630 | 5,630 | .. |
| Furniture .. | 532 | 13,070 | 1,174 | 27,380 | 14,310 | .. |
| Tents .. | 10 | 1,561 | 17 | 4,316 | 2,755 | .. |
| Miscellaneous .. | 569 | 4,775 | 1,218 | 18,579 | 13,804 | .. |
| Total Dead stock .. | 1,386 | 22,406 | 3,450 | 1,32,447 | 1,10,041 | .. |
| Total Development Circle .. | 1,386 | 22,406 | 3,450 | 1,32,447 | 1,10,041 | .. |
| Grand Total, West Bengal .. | .. | 17,81,603 | .. | 23,75,783 | 5,94,180 | .. |

Note.—The following stock of the Bengal Forest School was transferred from the accounts of the Northern Circle to those of the Development Circle during the year :—

| Description. | No. | Value. |
|--------------------------|-------|----------|
| | | Rs. |
| Buildings .. | 38 | 79,811 |
| Stores (Mathematical) .. | 683 | 3,942 |
| Furniture .. | 461 | 4,453 |
| Tents .. | 7 | 2,755 |
| Miscellaneous .. | 297 | 10,407 |
| Total | 1,486 | 1,01,368 |

(a) Includes three trailers.

(b) Revised figure.

FORM No. 24.
(Paragraphs 44 and 45.)
Annual Statement of Revenue of the Forest Department, West Bengal, for the year 1948-49.

| Budget Heads. | Dar- jeeling. | Kali- pong. | Kurseong. | Direction (N). | Buxa. | Jalpai- guri. | West Bengal Forest School up to Decem- ber 1948. | Total Northern Circle. | From January 1949. | | | | Direc- tion (D). | Total Develop- ment Circle. |
|---|------------------|----------------|-----------|-------------------|-----------|------------------|---|------------------------------|--------------------------|------------------------|-------------------|-------------------------------------|------------------------|--------------------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Silvi- culti- ral. | Work- ing Plans. | Utilisa- tion. | West Bengal Forest School. | Ra. | Ra. |
| X—FOREST. | | | | | | | | | | | | | | |
| Revenue. | | | | | | | | | | | | | | |
| I.—Timber and other produce removed from the forests by Government Agency— | | | | | | | | | | | | | | |
| (a) Timber | 18,785 | 62,998 | 9,95,592 | .. | 1,70,777 | 1,42,780 | .. | 13,90,942 | .. | .. | .. | .. | .. | .. |
| (b) Firewood and charcoal | 2,094 | 3,340 | 1,30,861 | .. | 91,767 | 420 | .. | 2,37,462 | .. | .. | .. | .. | .. | .. |
| (c) Bamboos | .. | .. | 6 | .. | .. | 94 | .. | 100 | .. | .. | .. | .. | .. | .. |
| (d) Grass and other minor produce | 400 | 249 | 2,702 | .. | 1,700(a) | 38 | .. | 5,089 | .. | .. | .. | .. | .. | .. |
| (e) Sandal wood | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total I | 21,279 | 66,587 | 11,34,161 | .. | 2,64,244 | 1,43,342 | .. | 10,33,013 | .. | .. | .. | .. | .. | .. |
| II.—Timber and other produce removed from the forests by consumers or purchasers— | | | | | | | | | | | | | | |
| (a) Timber | 1,94,086 | 3,23,967 | 81,042 | .. | 12,15,953 | 11,39,650 | .. | 29,54,737 | .. | .. | .. | .. | .. | .. |
| (b) Firewood and charcoal | 35,034 | 1,23,754 | 43,461 | .. | 2,11,875 | 2,42,597 | .. | 6,57,121 | .. | .. | .. | .. | .. | .. |
| (c) Bamboos | 2,938 | 8,176 | 1,349 | .. | 2,850 | 440 | .. | 16,753 | .. | .. | .. | .. | .. | .. |
| (d) Grazing and fodder grass | 14,364 | 9,227 | 2,135 | .. | 737 | 1,312 | .. | 27,835 | .. | .. | .. | .. | .. | .. |
| (e) Other minor produce .. | 5,735 | 19,703 | 16,433 | .. | 10,675 | 19,158 | .. | 71,734 | .. | .. | .. | .. | .. | .. |
| (f) Commutation fees | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (g) Other items | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total II | 2,52,157 | 4,84,387 | 1,44,820 | .. | 14,42,120 | 14,03,196 | .. | 37,27,180 | .. | .. | .. | .. | .. | .. |

| | | | | | | | | | | | | | | | | | | | | |
|--|----------|--------|----------|--------|----|----|-----|-----|----------|----------|--------|--------|--------|----------|-----------|----|----|----|----|-----------|
| III.—Drift and walf wood and confiscated forest produce. | 614 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 17,454 |
| IV.—Revenue from forests not managed by Government— | | | | | | | | | | | | | | | | | | | | |
| (a) Duty on foreign timber and other forest produce. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Revenue from shared and private forests. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total IV .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V.—Miscellaneous— | | | | | | | | | | | | | | | | | | | | |
| (a) Fines and forfeitures .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2,525 |
| (b) Other sources .. | 33,257 | 12,226 | 153 | 31,349 | .. | .. | 102 | 63 | 77,150 | 1,747 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2,11,367 |
| (c) Receipts (including rent realised from works. | 240 | 2,670 | 577 | .. | .. | .. | .. | 742 | 4,220 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 11,185 |
| (d) Sales of forest produce purchased from trade. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2,99,011 |
| Total V .. | 33,497 | 14,896 | 730 | 31,349 | .. | .. | 102 | 805 | 81,379 | 1,747 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 5,24,078 |
| VI.—Receipts in England— | | | | | | | | | | | | | | | | | | | | |
| High Commissioner | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7,989 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 7,989 |
| VII.—Loss or gain by exchange | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| VIII.—Deduct—Refund .. | -67 | -3 | -149 | .. | .. | .. | .. | -7 | -226 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | -17,746 |
| Total X—Forest .. | 2,98,341 | 14,907 | 581 | 31,349 | .. | .. | 102 | 820 | 3,40,100 | 9,730 | .. | .. | .. | .. | .. | .. | .. | .. | .. | 61,56,901 |
| Total Expenditure .. | 3,53,651 | 3,445 | 1,11,206 | 69,382 | .. | .. | .. | .. | 5,42,686 | 2,14,913 | 51,195 | 20,245 | 33,288 | 3,28,641 | 40,64,374 | .. | .. | .. | .. | .. |
| Surplus .. | .. | 11,462 | .. | .. | .. | .. | 102 | 820 | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 20,92,527 |
| Deficit .. | 60,310 | .. | 1,10,627 | 38,033 | .. | .. | .. | .. | 1,06,586 | 2,05,177 | 51,195 | 20,191 | 33,152 | 3,18,715 | .. | .. | .. | .. | .. | .. |

| Budget Heads. | Dar-jeeling. | Kalm-pung. | Kurseong. | Dinjeon (N). | Ruxa. | Jalpai-guri. | West Bengal Forest School up to Decem-ber 1948. | Total Northern Circle. | From January 1949. | | | | Direc-tion (D). | Total Develop-ment Circle. |
|--|--------------|------------|-----------|--------------|----------|--------------|---|------------------------|--------------------|-----------------|---------------|----------------------------|-----------------|----------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Shiv-cultu-ral. | Work-ing Plans. | Utilisa-tion. | West Bengal Forest School. | Rs. | Rs. |
| 10.—FOREST Expenditure. <i>A.—Conservancy and Works.</i> | | | | | | | | | | | | | | |
| I.—Timber and other produce removed from the forest by Government Agency— | | | | | | | | | | | | | | |
| (a) Timber { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | 22,701 | 70,626 | 4,37,544 | .. | 1,85,445 | 1,27,019 | .. | 8,52,335 | .. | .. | .. | .. | .. | .. |
| (b) Firewood and charcoal. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | 24,164 | 2,625 | 1,53,479 | .. | 41,291 | 2,000 | .. | 2,23,559 | .. | .. | .. | .. | .. | .. |
| (c) Bamboos { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | .. | .. | 1 | .. | .. | .. | .. | 1 | .. | .. | .. | .. | .. | .. |
| (d) Grass and other minor produce. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | 301 | 34 | .. | .. | 79,279 | .. | .. | 79,005 | .. | .. | .. | .. | .. | .. |
| (e) Sandal wood { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | .. | 540 | .. | .. | .. | .. | .. | 540 | .. | .. | .. | .. | .. | .. |
| (f) Customs duty on imported stores. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total I { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | 47,166 | 82,825 | 5,06,024 | .. | 3,06,006 | 1,29,019 | .. | 11,61,040 | .. | .. | .. | .. | .. | .. |
| II.—Timber and other produce removed from the forests by consumers or purchasers. | | | | | | | | | | | | | | |
| (a) Timber { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (a) Timber { C | 6,315 | 10,800* | 1,000 | .. | 10,850 | 25,824 | .. | 54,790 | .. | .. | .. | .. | .. | .. |
| V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total II { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| V | 6,315 | 10,800 | 1,000 | .. | 10,850 | 25,824 | .. | 54,790 | .. | .. | .. | .. | .. | .. |

| Budget Heads. | 24-Parganas. | Midnapore. | Bankura. | Dinajpur (\$). | Burdwan. | Malda. | Central. | Total Southern Circle. | General Direction. | Up to December 1948. | | | Total General Direction Circle. | Grand Total. |
|---|--------------|------------|----------|----------------|----------|--------|----------|------------------------|--------------------|----------------------|-----------------|---------------|---------------------------------|--------------|
| | | | | | | | | | | Sliv-cultural. | Work-ing Plans. | Utilisa-tion. | | |
| | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. | Ra. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| A.—Contingency and Works—contd. | | | | | | | | | | | | | | |
| I.—Timber and other produce removed from the forest by Government Agency— | | | | | | | | | | | | | | |
| (a) Timber | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 699 | | | | | | | 699 | | | | | | 8,53,034 |
| (b) Firewood and charcoal. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (c) Bamboos | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 2,28,559 |
| (d) Grass and other minor produce. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (e) Sandal wood | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (f) Customs duty on imported stores. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total I | .. | .. | .. | .. | .. | .. | .. | 699 | .. | .. | .. | .. | .. | 11,61,739 |
| II.—Timber and other produce removed from the forests by consumers or purchasers. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (a) Timber | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | 2,17,016 | .. | .. | .. | .. | .. | .. | 2,17,016 | .. | .. | .. | .. | .. | 2,71,865 |
| Total II | .. | .. | .. | .. | .. | .. | .. | 2,17,016 | .. | .. | .. | .. | .. | 2,71,865 |

| Budget Heads. | Dar-jeeling. | Kalim-pung. | Kurseong. | Dinjeon (N). | Buxa. | Jalpai-guri. | West Bengal Forest School Decem-ber 1948. | Total Northern Circle. | From January 1949. | | | | Direc-tion (D). | Total Develop-ment Circle. |
|---|--------------|-------------|-----------|--------------|----------|--------------|---|------------------------|--------------------|-----------------|---------------|----------------------------|-----------------|----------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Silvi-cultu-ral. | Work-ing Plans. | Utilisa-tion. | West Bengal Forest School. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| A.—Conservancy and Work—contd. | | | | | | | | | | | | | | |
| III.—Constructions, - Purchase, Maintenance, Repairs, etc.— | | | | | | | | | | | | | | |
| (a) Cattle .. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Feed and keep of cattle. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (c) Stores, tools and plant. { C .. { V | 4,449 | 6,392 | 6,700 | 9,445 | 34,530 | 14,424 | 1,505 | 81,748 | -4,068 | 472 | 6,453 | 505 | 1,257 | 4,619 |
| (d) Roads and bridges { C .. { V | 35,668 | 41,667 | 16,500 | .. | 40,900 | 42,094 | .. | 1,78,619 | .. | .. | .. | .. | .. | .. |
| (e) Buildings .. { C .. { V | 25,888 | 40,143 | 40,665 | .. | 89,913 | 32,308 | 2,102 | 2,31,109 | 3,125 | .. | .. | 3,656 | .. | 6,811 |
| (f) Other works .. { C .. { V | 2,537 | 12,886 | 5,600 | .. | 22,130 | 3,500 | 794 | 47,447 | .. | .. | .. | 1,009 | .. | 1,009 |
| (g) Customs duty on imported stores. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (h) Compensation for land and rights. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total III .. { C .. { V | 68,542 | 1,01,488 | 60,865 | 9,445 | 1,08,006 | 94,617 | 5,504 | 5,42,467 | 948 | 472 | 6,453 | 5,200 | 1,257 | 12,439 |

| Budget Heads. | 24-Parganas. | Midnapore. | Bankura. | Dirc-tion (S). | Bur-dwan. | Malda. | Central. | Total Southern Circle. | General Direction. | Up to December 1948. | | | Total General Direction Circle. | Grand Total. |
|---|--------------|------------|----------|----------------|-----------|--------|----------|------------------------|--------------------|----------------------|-----------------|---------------|---------------------------------|--------------|
| | | | | | | | | | | Silvi-cultural. | Work-ing Plans. | Utilisa-tion. | | |
| 10.—FOREST—contd. Expenditure—contd. A.—Conservancy and Works—contd. III.—Constructions, Purchase, Maintenance, Repairs, etc.— | | | | | | | | | | | | | | |
| (a) Cattle .. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Feed and keep of cattle. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (c) Stores, tools, and plant. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (d) Roads and bridges { C .. { V | 4,130 | .. | 8,050 | 1,584 | .. | .. | .. | 14,004 | 451 | 6,284 | 835 | 90 | 7,660 | 1,08,691 |
| (e) Buildings .. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (f) Other works .. { C .. { V | 30,064 | .. | 36,250 | .. | .. | .. | .. | 66,314 | .. | .. | .. | .. | .. | 1,78,619 |
| (g) Customs duty on imported stores. { C .. { V | 1,910 | .. | 1,500 | .. | .. | .. | .. | 3,410 | .. | .. | .. | .. | .. | 3,04,234 |
| (h) Compensation for land and rights. { C .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 51,866 |
| Total III .. { C .. { V | 36,404 | .. | 46,400 | 1,584 | .. | .. | .. | 84,378 | 451 | 6,284 | 835 | 90 | 7,660 | 6,46,954 |

| Budget Heads. | 24- Parganas. | Midna- por. | Bankura. | Direction (S). | Burdwan. | Malda. | Central. | Total Southern Circle. | General Direc- tion. | Up to December 1949. | | | Total General Direction Circle. | Grand Total. |
|--|------------------|----------------|----------|-------------------|----------|--------|----------|------------------------------|----------------------------|----------------------|------------------------|-------------------|--|-----------------|
| | | | | | | | | | | Silvicult- ural. | Work- ing Plans. | Utilisa- tion. | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| A.—Conservancy and Works— contd. | | | | | | | | | | | | | | |
| IV.—Conservancy and Rege- neration— | | | | | | | | | | | | | | |
| (a) Maintenance of { C boundaries. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Regeneration .. { C { V | .. | .. | .. | .. | .. | .. | .. | 100 | .. | .. | .. | .. | .. | 18,080 |
| (c) Fire protection .. { C { V | .. | .. | 4,450 | .. | .. | .. | .. | 4,450 | .. | 3,125 | .. | .. | 3,125 | 1,36,707 |
| (d) Other works .. { C { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 10,916 |
| (e) Survey .. { C { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 59,468 |
| (f) Customs duty on { C imported stores. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (g) Compensation for { C land and rights. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 44,905 |
| Total IV .. { C { V | .. | .. | 4,450 | .. | .. | .. | .. | 4,550 | .. | 3,125 | .. | .. | 3,125 | 2,70,086 |

| Budget Heads. | Dar- jeeling. | Kalmi- pong. | Kurseong. | Direction (N). | Buxa. | Jalpai- guri. | West Bengal Forest School up to Decem- ber 1945. | Total Northern Circle. | From January 1949. | | | | Direc- tion (D). | Total Develop- ment Circle. |
|--|------------------|-----------------|--------------|-------------------|-----------------|------------------|---|------------------------------|--------------------------|------------------------|-------------------|-------------------------------------|------------------------|--------------------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Silvi- culti- ral. | Work- ing Plans. | Utilisa- tion. | West Bengal Forest School. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| A.—Conservancy and Works—contd. | | | | | | | | | | | | | | |
| V.—Miscellaneous— | | | | | | | | | | | | | | |
| (e) Drift and waif wood and confiscated forest produce. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Revenue from forest not managed by Go- vernment, leased, and (c) Rent of forests and payments for shares received in forests managed by Go- vernment. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (d) Law charges .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (e) Dearness allowance | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (f) Clothing .. | 836 | 829 | 883 | 69 | 1,988 | 2,499 | 60 | 7,114 | -3 | 179 | .. | 1,190 | .. | 1,866 |
| (g) Other charges | 593 | 4,673 | 800 | .. | 602 | 390 | 220 | 7,257 | 2,401 | 27 | 23 | 326 | .. | 2,777 |
| (h) Working plans | 200 | 180 | 300 | .. | 200 | 130 | .. | 1,010 | .. | 6,445 | .. | .. | .. | 6,445 |
| (i) Customs duty on imported stores. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (j) Purchase of Trade produce from Trade or from purchasers of standing trees. | 50,337 | 1,59,051 | .. | .. | 4,00,329 | 5,30,028 | .. | 11,30,745 | .. | .. | .. | .. | .. | .. |
| Total V .. { | 51,966 | 1,64,733 | 1,933 | 69 | 4,03,119 | 5,33,036 | 280 | 11,55,156 | 2,398 | 6,651 | 23 | 1,516 | .. | 10,588 |

| Budget Heads. | 24-Parganas | Midnapore | Bankura | Direction (S). | Burdwan. | Mahan. | Central. | Total Southern Circle. | General Direction. | Up to December 1948. | | | Total General Direction Circle. | Grand Total. |
|---|-------------|-----------|---------|----------------|----------|--------|----------|------------------------|--------------------|----------------------|----------------|--------------|---------------------------------|--------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Silvicultural. | Working Plans. | Utilisation. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| A.—Conservancy and Works—contd. | | | | | | | | | | | | | | |
| V.—Miscellaneous— | | | | | | | | | | | | | | |
| (a) Drift and waif wood and associated forest produce. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Revenue from forest not managed by Government. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (c) Rent of forests and payments to share-holders in forests managed by Government. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (d) Law charges .. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (e) Deamess allowance .. { C | 200 | .. | .. | .. | .. | .. | .. | 200 | .. | .. | .. | .. | .. | 200 |
| (f) Clothing .. { C | 6,756 | .. | .. | .. | .. | .. | .. | 6,756 | .. | .. | .. | .. | .. | 6,756 |
| (g) Other charges .. { C | 2,830 | .. | 617 | .. | .. | .. | .. | 3,447 | 118 | 58 | .. | .. | 176 | 12,108 |
| (h) Working plans .. { C | 784 | .. | 5,726 | .. | .. | .. | .. | 6,510 | .. | 1,288 | 1 | 426 | 1,715 | 13,289 |
| (i) Customs duty on imported stores. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | 201 | 1,520 | .. | 1,721 | 9,176 |
| (j) Purchase of forest produce from Trade or from purchasers of standing trees. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total V .. { C | 10,570 | .. | 6,343 | .. | .. | .. | .. | 16,913 | 118 | 1,547 | 1,521 | 426 | 3,612 | 11,86,269 |

| Budget Heads. | Darjeeling | Kalmipong. | Kurseong | Direction (S). | Buxa. | Jalpaiguri. | West Bengal Forest School, Darjeeling, December 1948. | Northern Circle. | From January 1949. | | | West Bengal Forest School. | Direction (D). | Total Development Circle. |
|---|------------|------------|----------|----------------|-----------|-------------|---|------------------|--------------------|----------------|--------------|----------------------------|----------------|---------------------------|
| | | | | | | | | | Silvicultural. | Working Plans. | Utilisation. | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 10.—FOREST— <i>contd.</i> | | | | | | | | | | | | | | |
| Expenditure— <i>contd.</i> | | | | | | | | | | | | | | |
| A.—Conservancy and Works— <i>contd.</i> | | | | | | | | | | | | | | |
| VI.—Suspense— | | | | | | | | | | | | | | |
| Work advance { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. { V | .. | 225 | .. | .. | —325 | .. | .. | —100 | .. | .. | .. | .. | .. | .. |
| VII.—Charges on account of West Bengal Forest School. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| VIII.—Deduct—Amount recoverable from other Governments, Departments, etc. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | —50,307 | —1,61,702 | .. | .. | —4,00,329 | —4,97,597 | .. | —11,09,935 | .. | .. | .. | .. | .. | .. |
| Total A.—Conservancy and Works. | 1,47,985 | 2,90,930 | 7,07,890 | 9,514 | 5,72,051 | 3,31,269 | 5,734 | 20,65,423 | 1,860 | 7,123 | 6,476 | 6,716 | 1,257 | 23,432 |

| Budget Heads. | 24-Parganas | Midnapore. | Bankura. | Direction (S.). | Burdwan. | Malda. | Central. | Total Southern Circle. | Up to December, 1948. | | | | Total General Direction Circle. | Grand Total. |
|---|-------------|------------|----------|-----------------|----------|--------|----------|------------------------|-----------------------|----------------|--------------|--------|---------------------------------|--------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Silvicultural. | Working Plans. | Utilisation. | Rs. | Rs. | Rs. |
| 10.—FORESTS—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| A.—Conservancy and Works—contd. | | | | | | | | | | | | | | |
| VI.—Suspense— | | | | | | | | | | | | | | |
| Work advance .. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | —100 |
| VII.—Charges on account of West Bengal Forest School. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| VIII.—Deduct—Amount recoverable from other Governments, Departments, etc. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. { V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | —11,09,935 |
| Total A.—Conservancy and Works. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. { V | 2,64,780 | .. | 57,108 | 1,584 | .. | .. | .. | 3,23,566 | 10,956 | 2,356 | 516 | 14,397 | 24,26,818 | .. |

| Budget Heads. | Darjeeling. | Kalim- pong. | Kurseong. | Direction (N). | Buxa. | Jalpaiguri. | West Bengal Forest School up to Decem- ber 1948. | Total Northern Circ. | From January 1949. | | | West Bengal Forest School. | Direction (D). | Total Develop- ment Circ. |
|--|-------------|-----------------|-----------|-------------------|-------|-------------|---|----------------------------|---------------------|-------------------|-------------------|-------------------------------------|-------------------|------------------------------------|
| | | | | | | | | | Silvi- cultural. | Working Plans. | Utilisa- tion. | | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| B.—Establishment. | | | | | | | | | | | | | | |
| 1.—Pay of officers— | | | | | | | | | | | | | | |
| (a) Conservators .. { C V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Superior Officers { C V | 4,487 | 8,100 | 990 | 2,242 | 9,483 | 12,382 | .. | 37,684 | 1,127 | 2,271 | 1,915 | .. | .. | 3,700 |
| (c) Pay of recruits of the Imperial Forest Service. { C V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (d) Provision for tem- porary Forest Officer. { C V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Deduct—Recoveries on account of allotment of pay of officers. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total 1 .. { C V | 4,487 | 8,100 | 990 | 23,400 | 9,483 | 12,382 | .. | 59,842 | 1,127 | 2,271 | 1,915 | .. | 3,700 | 5,562 |

| Budget Heads. | 24-Parganas | Midnapore. | Bankura. | Direction (S). | Burdwan. | Malda. | Central. | Total Southern Circle. | General Direction. | Up to December 1948. | | | Total General Direction Circle. | Grand Total. |
|--|-------------|------------|----------|----------------|----------|--------|----------|------------------------|--------------------|----------------------|----------------|--------------|---------------------------------|--------------|
| | | | | | | | | | | Siyeul-tural. | Working Plans. | Utilisation. | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| B.—Establishment. | | | | | | | | | | | | | | |
| 1.—Pay of officers— | | | | | | | | | | | | | | |
| (a) Conservators $\left\{ \begin{array}{l} C \\ V \end{array} \right\}$ | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Superior Officers $\left\{ \begin{array}{l} C \\ V \end{array} \right\}$ | 5,690 | 1,920 | 4,448 | 1,500 | .. | .. | .. | 13,618 | 17,074 | 13,500 | 6,300 | 3,561 | 40,435 | 93,600 |
| (c) Pay of recruits of the Imperial Forest Service. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (d) Provision for temporary Forest Officers. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Deduct—Recoveries on account of allotment of pay of officers. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total 1 $\left\{ \begin{array}{l} C \\ V \end{array} \right\}$ | 5,690 | 1,920 | 4,448 | 22,955 | .. | .. | .. | 35,073 | 42,861 | 13,500 | 6,300 | 3,561 | 66,222 | 1,65,700 |

| Budget Heads. | Darjeeling. | Kalimpong. | Kurseong. | Dinajpur (N). | Buxa. | Jalpaiguri. | West Bengal Forest School Dep. to Decmber 1948. | Total Northern Circle. | From January 1949. | | | West Bengal Forest School. | Direction (D). | Total Development Chief. |
|---|---------------|---------------|---------------|---------------|-----------------|---------------|---|------------------------|--------------------|----------------|--------------|----------------------------|----------------|--------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Silvi-cultural. | Working Plans. | Utilisation. | Rs. | Rs. | Rs. |
| 10—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| B—Establishment—contd. | | | | | | | | | | | | | | |
| 2.—Pay of Establishment— | | | | | | | | | | | | | | |
| (a) Subordinate Forest and Depot Establishment. | 37,275 | 32,851 | 53,151 | .. | 70,138 | 49,165 | 6,250 | 2,48,830 | 2,015 | 1,430 | 1,322 | 2,283 | .. | 7,050 |
| (b) Office Establishment. | 8,119 | 6,934 | 8,613 | 7,331 | (a) 13,539 | 11,810 | 1,748 | 53,094 | 1,112 | 862 | 959 | 588 | 920 | 4,441 |
| (c) Temporary Establishment. | 7,517 | 7,049 | 13,132 | 25,534 | 24,134 | 16,606 | 1,248 | 95,310 | 47 | 616 | 2,223 | 442 | 1,793 | 5,121 |
| (d) Leave allowance | 1,538 | 1,185 | 4,191 | 1,905 | 7,879 | 3,197 | 194 | 19,880 | 33 | 176 | 75 | .. | 325 | 609 |
| (e) Sub-Assistant Surgeon. | .. | .. | .. | .. | 1,764 | .. | .. | 1,764 | .. | .. | .. | .. | .. | .. |
| (f) Extra cost in leave vacancies. | .. | .. | .. | .. | 38 | 190 | .. | 228 | .. | .. | .. | .. | .. | .. |
| (g) Temporary Establishment for Central Government Timber Depots. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total 2 .. | 54,449 | 48,019 | 79,037 | 34,770 | 1,17,283 | 81,058 | 9,440 | 4,24,106 | 3,207 | 3,084 | 4,579 | 3,313 | 3,098 | 17,221 |

3.—Allowances and Honoraria—

| (a) Travelling allowance. | { C V | | 25,715 | 25,933 | 28,790 | 7,911 | 46,136 | 34,149 | 10,216 | 1,78,250 | 4,152 | 3,030 | 2,502 | 12,286 | 1,639 | 23,609 |
|---|----------|--|--------|--------|--------|--------|----------|--------|--------|----------|-------|-------|-------|--------|-------|--------|
| | | | | | | | | | | | | | | | | |
| (b) Other allowances | { C V | | 4,296 | 9,090 | 5,619 | 7,163 | 315 | 72 | 17,263 | 43,818 | 712 | 843 | 868 | 6,562 | 599 | 9,584 |
| | | | | | | | | | | | | | | | | |
| (c) Cost of passage, etc. | { C V | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | | | | | | | | |
| (d) Dearness allowance | { C V | | 42,487 | 34,332 | 47,212 | 18,626 | 72,145 | 53,497 | 9,556 | 2,78,155 | 1,945 | 1,970 | 2,951 | 3,609 | 1,571 | 12,046 |
| | | | | | | | | | | | | | | | | |
| (e) Allowances to temporary staff for Central Government Timber Depots. | { C V | | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | | | | | | | | | | | | | | | | |
| Total 3 | { C V | | 72,493 | 69,355 | 84,621 | 33,700 | 1,15,596 | 87,718 | 38,217 | 5,01,705 | 6,809 | 5,843 | 6,321 | 22,457 | 3,309 | 45,239 |

(a) Vide the Accountant-General, West Bengal's letter No. T.E.(For.)1789, dated the 31st January 1950, to the Divisional Forest Officer, Buxa Division, and the Divisional Forest Officer, Buxa Division's letter No. 1109/1(2)/1-13, dated the 6th November 1951.

| Budget Heads. | 24- Parganas. | Midnapore. | Bankura. | Direc- tion (S). | Pur- dwan. | Malda. | Central. | Total Southern Circle. | General Direction. | Up to December 1948. | | | Total General Direction Circle. | Grand Total. |
|--|------------------|------------|----------|---------------------|---------------|--------|----------|------------------------------|-----------------------|------------------------------|------------------------|-------------------|--|-----------------|
| | | | | | | | | | | Silvi- cultural plans. | Work- ing plans. | Utilisa- tion. | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| B.—Establishment—contd. | | | | | | | | | | | | | | |
| 2.—Pay of Establishment— | | | | | | | | | | | | | | |
| (a) Subordinate Forest and Depot Estab- lishment. | 33,482 | .. | 3,220 | .. | .. | .. | .. | 36,702 | 156 | 6,079 | 5,108 | 2,070 | 13,411 | 3,05,993 |
| (b) Office Estab- lishment. | 7,193 | .. | 528 | 7,669 | .. | .. | .. | 15,407 | 3,195 | 2,620 | 2,424 | 3,517 | 11,756 | 89,698 |
| (c) Temporary Estab- lishment. | 460 | .. | 13,045 | 13,109 | .. | .. | .. | 26,704 | 26,923 | .. | 1,976 | 6,326 | 35,725 | 1,62,860 |
| (d) Leave allowance | 3,064 | .. | 1,567 | 1,298 | .. | .. | .. | 5,929 | 1,654 | 984 | 410 | 612 | 3,660 | 30,078 |
| (e) Sub-Assistant Surgeon. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 1,764 |
| (f) Extra cost in leave vacancies. | 212 | .. | 69 | .. | .. | .. | .. | 281 | .. | 38 | .. | .. | 38 | 547 |
| (g) Temporary Estab- lishment for Central Government timber Depots. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total | 44,411 | 107 | 18,429 | 22,076 | .. | .. | .. | 85,023 | 31,928 | 9,721 | 9,916 | 13,025 | 64,590 | 5,90,940 |

3.—Allowances and Honoraria—

| Allowances and Honoraria— | | | | | | | | | | | | | | | |
|------------------------------|-------------|--------|--------|----|----|----|----|--------|--------|--------|-------|--------|--------|----------|-----|
| (a) Travelling allowance. | C { V | | | | | | | | | | | | | | |
| 8,635 | 727 | 9,079 | 3,028 | .. | .. | .. | .. | 21,489 | 5,772 | 6,273 | 1,545 | 3,157 | 16,747 | 240,605 | .. |
| 5,318 | 14 | 6 | 4,373 | .. | .. | .. | .. | 9,716 | 8,897 | 2,771 | 2,612 | 2,433 | 16,713 | 720,831 | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | 882 |
| 28,519 | 382 | 11,084 | 11,455 | .. | .. | .. | .. | 50,040 | 15,563 | 6,606 | 5,783 | 8,181 | 36,433 | 3,76,674 | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| 40,492 | 1,123 | 20,769 | 18,561 | .. | .. | .. | .. | 81,245 | 30,532 | 15,650 | 9,940 | 13,771 | 69,803 | 6,93,082 | .. |
| Total 3 | C { V | | | | | | | | | | | | | | |

| Budget Heads. | Darjeeling. | Kalimpong. | Kurseong. | Direction (N.). | Buxa. | Jalpaiguri. | West Bengal Forest School up to December 1948. | Total Northern Circle. | From January 1949. | | | West Bengal Forest School. | Direction (D). | Total Development Circle. |
|--|-------------|------------|-----------|-----------------|----------|-------------|--|------------------------|--------------------|----------------|--------------|----------------------------|----------------|---------------------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Sylv. cultural. | Working Plans. | Utilisation. | Rs. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| B.—Establishment—contd. | | | | | | | | | | | | | | |
| 4.—Contingencies— | | | | | | | | | | | | | | |
| (a) Stationery .. { C V | .. 350 | .. 102 | .. 52 | .. 351 | .. 355 | .. 100 | .. 46 | .. 1,356 | .. 1 | .. 32 | .. 21 | .. 20 | .. 198 | .. 272 |
| (b) Carriage of tents and records. { C V | .. 17 | .. 5 | .. 20 | .. 1,138 | .. 145 | .. 6 | .. | .. 1,331 | .. 572 | .. | .. 874 | .. | .. 6 | .. 302 |
| (c) Rents, rates and taxes. { C V | .. 583 | .. 626 | .. 607 | .. 4,880 | .. 33 | .. 2,074 | .. | .. 8,803 | .. 18 | .. | .. 60 | .. | .. | .. 78 |
| (d) Official postage { C V | .. 988 | .. 1,303 | .. 2,000 | .. 2,000 | .. 2,945 | .. 2,400 | .. 240 | .. 11,836 | .. 290 | .. 29 | .. 668 | .. 151 | .. 200 | .. 1,248 |
| (e) Sundries .. { C V | .. 2,229 | .. 2,843 | .. 6,782 | .. 6,612 | .. 5,222 | .. 6,016 | .. 2,834 | .. 32,533 | .. 432 | .. 302 | .. 540 | .. 1,208 | .. 546 | .. 3,028 |
| (f) Purchase of books { C V | .. 5 | .. 46 | .. 44 | .. 189 | .. 96 | .. 101 | .. 6 | .. 487 | .. 160 | .. | .. 396 | .. 5 | .. 44 | .. 605 |
| (g) Contingencies for temporary staff for Central Government Timber Depots. { C V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total 4 { C V | .. 4,172 | .. 4,980 | .. 9,505 | .. 15,170 | .. 8,706 | .. 10,697 | .. 3,076 | .. 56,346 | .. 233 | .. 363 | .. 2,559 | .. 1,384 | .. 994 | .. 5,533 |

| Budget Heads. | 24-Parganas | Midnapore. | Bankura. | Direction (S). | Burdwan. | Malda. | Central. | Total Southern Circle. | General Direction. | Up to December 1948. | | | Total Division Circle. | Grand Total. |
|--|--------------|------------|---------------|----------------|-----------|-----------|-----------|------------------------|--------------------|----------------------|-------------------|--------------|------------------------|-----------------|
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Silvicultural. | Wood-cult. plans. | Utilisation. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| E.—Establishment—consolid. | | | | | | | | | | | | | | |
| 4.—Contingencies— | | | | | | | | | | | | | | |
| (a) Stationery .. { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (b) Carriage of tents and records. { C | 40 | .. | 269 | 558 | .. | .. | .. | 867 | 286 | 42 | 31 | 69 | 428 | 2,923 |
| (c) Rents, rates and taxes. { C | 150 | .. | 100 | 104 | .. | .. | .. | 354 | 201 | 897 | 7 | 218 | 1,323 | 3,310 |
| (d) Official postage .. { C | 698 | .. | 6,850 | 143 | .. | .. | .. | 7,926 | .. | 107 | .. | 102 | 209 | 17,016 |
| (e) Sundries .. { C | 750 | .. | 999 | 700 | .. | .. | .. | 2,449 | 1,430 | 100 | 81 | 830 | 2,441 | 17,974 |
| (f) Purchase of books { C | 1,580 | .. | 2,051 | 2,327 | .. | .. | .. | 5,908 | 80,811 | 213 | 564 | 992 | 82,600 | 1,24,069 |
| (g) Contingencies for temporary staff for Central Government Timber Depots { C | 101 | .. | 100 | 74 | .. | .. | .. | 275 | 647 | 9 | 30 | 204 | 890 | 2,257 |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total 4 .. { C | 3,269 | 255 | 10,369 | 3,906 | .. | .. | .. | 17,779 | 89,375 | 1,363 | 738 | 2,415 | 87,891 | 1,67,549 |

[illegible]

| Budget Heads. | 24- Parasus. | Midna- pore. | Bankura. | Direction (S). | Burdwan. | Malda. | Central. | Total Southern Circle. | General Direc- tion. | Up to December 1948. | | | Total General Direction Circle. | Grand Total. |
|---|-----------------|-----------------|----------|-------------------|----------|--------|----------|------------------------------|----------------------------|----------------------|------------------------|-------------------|--|-----------------|
| | | | | | | | | | | silvicult- ural. | Work- ing Plans. | Utilisa- tion. | | |
| | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. | Rs. |
| 10.—FOREST—contd. | | | | | | | | | | | | | | |
| Expenditure—contd. | | | | | | | | | | | | | | |
| C.—Interest on Capital { ^C { ^V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| D.—Charges in England— | | | | | | | | | | | | | | |
| (a) Leave and deputa- { ^C tion salaries, etc. { ^V | .. | .. | .. | .. | .. | .. | .. | .. | 24,280 | .. | .. | .. | 24,280 | 24,280 |
| (b) Sterling Overseas { ^C pay. { ^V | .. | .. | .. | .. | .. | .. | .. | .. | 808 | .. | .. | .. | 808 | 808 |
| (c) Allotment of pay of { ^C officers. { ^V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| (d) Other charges .. { ^C { ^V | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total D .. {^C {^V | .. | .. | .. | .. | .. | .. | .. | .. | 25,088 | .. | .. | .. | 25,088 | 25,088 |

| | | | | | | | | | | | | | | | | | | |
|---|-----|----|----------|----------|----------|----|----------|----------|----------|--------|-----------|--------|--------|--------|--------|--------|--------|----|
| A.—Conservancy and Works. | { C | .. | 1,47,985 | 2,90,980 | 7,07,800 | .. | 9,514 | 5,72,051 | 3,31,260 | 5,744 | 20,05,423 | 1,800 | 7,123 | 8,476 | 6,716 | 1,257 | 23,432 | .. |
| B.—Establishment .. | { C | .. | 1,34,922 | 1,29,468 | 1,70,867 | .. | 1,07,040 | 2,51,633 | 1,85,944 | 50,738 | 10,30,637 | 11,376 | 11,561 | 15,374 | 23,703 | 11,541 | 73,555 | .. |
| C.—Interest on Capital | { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| D.—Charges in England | { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| E.—Loss or gain by exchange on Home transactions other than stores. | { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| F.—Special Development Programme. | { C | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. | .. |
| Total 10—Forest .. | { C | .. | 2,82,907 | 4,20,428 | 8,78,737 | .. | 1,10,554 | 8,23,941 | 5,17,213 | 56,517 | 30,96,090 | 13,236 | 18,684 | 21,850 | 30,410 | 12,798 | 96,987 | .. |

[illegible]

Southern Circle.

| | | | | | | | | |
|-----------------------|----|----|----|------|---------------|---------------|---------------|---------|
| R.I.a. | .. | .. | .. | .. | 1,373 12 0 | 1,373 12 0 | 1,373 12 0 | .... |
| R.I.b. | .. | .. | .. | .. | 12 8 0 | 12 8 0 | 12 8 0 | .... |
| R.I.c. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.I.d. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.II.a. | .. | .. | .. | .. | 1,78,477 9 3 | 1,78,477 9 3 | 1,78,449 5 3 | 28 4 0 |
| R.II.b. | .. | .. | .. | .. | 52,901 0 0 | 52,901 0 0 | 52,899 8 0 | 1 8 0 |
| R.II.c. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.II.d. | .. | .. | .. | .. | 10 0 0 | 10 0 0 | 10 0 0 | .... |
| R.II.e. | .. | .. | .. | .. | 31,588 14 0 | 31,588 14 0 | 31,588 14 0 | .... |
| R.II.f. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.II.g. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.III. | .. | .. | .. | .. | 614 7 0 | 614 7 0 | 614 7 0 | .... |
| R.V.a. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.V.b. | .. | .. | .. | .. | 77,150 9 6 | 77,150 9 6 | 77,150 9 6 | .... |
| R.V.c. | .. | .. | .. | .. | 4,229 0 3 | 4,229 0 3 | 4,229 0 3 | .... |
| R.V.d. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.VI. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.VII. | .. | .. | .. | .. | .... | .... | .... | .... |
| R.VIII. | .. | .. | .. | .. | 226 1 0 | 226 1 0 | 226 1 0 | .... |
| Total Southern Circle |  |  |  | .... | 3,46,130 11 0 | 3,46,130 11 0 | 3,46,100 15 0 | 29 12 0 |

| Budget heads. | | Particulars. | Outstandings at commencement of year. | | Value of sales and other revenue during year. | | Total. | | Amount realised during year. | | Balance due to the department at end of year. | |
|----------------------------|----|--|---------------------------------------|-----------|---|-----------|-----------|-----------|------------------------------|-----------|---|-----------|
| 1 | 2 | | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| | | | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. | Rs. a. p. |
| Development Circle. | | | | | | | | | | | | |
| B.I.a. .. | .. | Sale of timber extracted departmentally .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.I.b. .. | .. | Sale of fuel extracted departmentally .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.I.c. .. | .. | Sale of bamboos extracted departmentally .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.I.d. .. | .. | Sale of grass and other minor produce extracted departmentally. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.II.a. .. | .. | Sale of timber extracted by consumers or purchasers. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.II.b. .. | .. | Sale of firewood and charcoal extracted by consumers or purchasers. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.II.c. .. | .. | Sale of bamboos extracted by consumers or purchasers. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.II.d. .. | .. | Sale of grazing and fodder grass extracted by consumers or purchasers. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.II.e. .. | .. | Sale of other minor produce extracted by consumers or purchasers. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.II.f. .. | .. | Commutation fees (for produce extracted by consumers or purchasers). | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.II.g. .. | .. | Sale of other items extracted by consumers or purchasers. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.III. .. | .. | Sale of drift and waif wood and confiscated forest produce. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.V.a. .. | .. | Fines and forfeitures .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.V.b. .. | .. | Other sources .. | .... | 1,484 0 0 | 1,484 0 0 | 1,484 0 0 | .... | .... | .... | .... | .... | .... |
| B.V.c. .. | .. | Receipts (including rent) realised from works. | .... | 25 0 0 | 25 0 0 | 25 0 0 | .... | .... | .... | .... | .... | .... |
| B.V.d. .. | .. | Sale of forest produce purchased from trade. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.VI. .. | .. | Receipts in England .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.VII. .. | .. | Loss or gain by exchange .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| B.VIII. .. | .. | Deduct—Refund .. | .... | .... | .... | .... | .... | .... | .... | .... | .... | .... |
| | | Total Development Circle .. | .... | 1,509 0 0 | 1,509 0 0 | 1,509 0 0 | .... | .... | 1,509 0 0 | .... | .... | .... |

General Direction Circle.

| | | | | | | | |
|------------|----|--|---------------|---------------|---------------|----------------|---------------|
| B.I.a. .. | .. | Sale of timber extracted departmentally .. | .... | .... | .... | .... | .... |
| B.I.b. .. | .. | Sale of fuel extracted departmentally .. | .... | .... | .... | .... | .... |
| B.I.c. .. | .. | Sale of bamboos extracted departmentally .. | .... | .... | .... | .... | .... |
| B.I.d. .. | .. | Sale of grass and other minor produce extracted departmentally .. | .... | .... | .... | .... | .... |
| B.II.a. .. | .. | Sale of timber extracted by consumers or purchasers. | .... | .... | .... | .... | .... |
| B.II.b. .. | .. | Sale of firewood and charcoal extracted by consumers or purchasers. | .... | .... | .... | .... | .... |
| B.II.c. .. | .. | Sale of bamboos extracted by consumers or purchasers. | .... | .... | .... | .... | .... |
| B.II.d. .. | .. | Sale of grazing and fodder grass extracted by consumers or purchasers. | .... | .... | .... | .... | .... |
| B.II.e. .. | .. | Sale of other minor produce extracted by consumers or purchasers. | .... | .... | .... | .... | .... |
| B.II.f. .. | .. | Commutation fees (for produce extracted by consumers or purchasers). | .... | .... | .... | .... | .... |
| B.II.g. .. | .. | Sale of other items extracted by consumers or purchasers. | .... | .... | .... | .... | .... |
| B.III. .. | .. | Sale of drift and waif wood and confiscated forest produce. | .... | .... | .... | .... | .... |
| B.V.a. .. | .. | Fines and forfeitures .. | .... | .... | .... | .... | .... |
| B.V.b. .. | .. | Other sources .. | .... | 1,947 0 0 | 1,947 0 0 | 1,947 0 0 | .... |
| B.V.c. .. | .. | Receipts (including rent) realised from works. | .... | .... | .... | .... | .... |
| B.V.d. .. | .. | Sale of forest produce purchased from trade. | .... | .... | .... | .... | .... |
| B.VI. .. | .. | Receipts in England .. | .... | 7,989 0 0 | 7,989 0 0 | 7,989 0 0 | .... |
| B.VII. .. | .. | Loss or gain by exchange .. | .... | .... | .... | .... | .... |
| B.VIII. .. | .. | Deduct—Refunds .. | .... | -10 0 0 | -10 0 0 | -10 0 0 | .... |
| | | Total General Direction Circle .. | .... | 9,926 0 0 | 9,926 0 0 | 9,926 0 0 | .... |
| | | Grand Total—West Bengal .. | 18,84,881 5 9 | 55,85,528 3 0 | 74,63,409 8 9 | 61,56,901 15 0 | 18,11,607 9 9 |

FORM No. 27.

(Paragraph 49.)

Outstandings and liabilities on account of disbursers for 1948-49.

| Division. | Department debtor. | | | Department creditor. | | | Balance due. | |
|-------------------------------------|--------------------|---|----------------|----------------------|--------------------------------|---------------|-------------------------------|------------------------------|
| | Opening balance. | Recoveries in cash and value of supplies and work done during the year. | Total. | Opening balance. | Payments made during the year. | Total. | To department (outstandings). | By department (liabilities). |
| | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 |
| 1 | Ra. a. p. | Ra. a. p. | Ra. a. p. | Ra. a. p. | Ra. a. p. | Ra. a. p. | Ra. a. p. | Ra. a. p. |
| NORTHERN CIRCLE. | | | | | | | | |
| Darjeeling Division .. | | 2,29,995 14 6 | 2,29,995 14 6 | 419 0 0 | 2,30,526 14 9 | 2,30,945 14 9 | 950 0 3 | .... |
| Kalimpong Division .. | | 4,26,692 15 9 | 4,26,692 15 9 | 330 0 0 | 4,26,197 0 6 | 4,26,527 0 6 | .... | 105 15 3 |
| Kurseong Division .. | | 8,52,345 1 0 | 8,52,345 1 0 | 1,008 0 9 | 8,51,959 1 9 | 8,52,967 2 6 | 822 1 6 | .... |
| Direction (North) .. | | 2,869 0 0 | 2,869 0 0 | 3,217 14 0 | 2,875 0 0 | 6,092 14 0 | 3,223 14 0 | .... |
| Buxa Division .. | | 9,90,727 11 3 | 9,90,727 11 3 | 1,090 10 0 | 9,94,720 0 9 | 9,95,810 10 9 | 5,082 15 6 | .... |
| Jalpaiguri Division .. | | 4,50,815 1 0 | 4,50,815 1 0 | 1,085 3 0 | 4,49,963 6 6 | 4,51,048 9 6 | 233 8 6 | .... |
| Total Northern Circle .. | | 29,53,385 11 6 | 29,53,385 11 6 | 7,150 11 9 | 29,56,241 8 3 | 29,63,392 4 0 | 10,112 7 9 | 105 15 3 |
| DEVELOPMENT CIRCLE. | | | | | | | | |
| Silvicultural Division .. | | 22,178 14 3 | 22,178 14 3 | 3,115 12 0 | 22,987 12 3 | 25,508 8 3 | 3,324 10 0 | .... |
| Working Plans Division .. | | 12,446 2 6 | 12,446 2 6 | 563 0 0 | 11,990 2 6 | 12,553 2 6 | 107 0 0 | .... |
| Utilisation Division .. | | 2,285 0 0 | 2,285 0 0 | 10 0 0 | 2,176 0 0 | 2,186 0 0 | .... | 99 0 0 |
| Direction (Development) Division .. | | 657 0 0 | 657 0 0 | .... | 842 0 0 | 842 0 0 | 185 0 0 | .... |
| West Bengal Forest School .. | | 4,093 6 0 | 4,093 6 0 | 2,495 0 0 | 2,327 6 0 | 4,822 6 0 | 724 0 0 | .... |
| Total Development Circle .. | | 41,665 6 9 | 41,665 6 9 | 6,183 12 0 | 39,723 4 9 | 45,907 0 9 | 4,340 10 0 | 99 0 0 |
| Total General Direction Circle .. | | 3,597 11 0 | 3,597 11 0 | 598 11 0 | 5,324 0 0 | 5,922 11 0 | 2,325 0 0 | .... |

CC SOUTHERN CIRCLE.

| | | | | | | | | | |
|-----------------------|----|---------|----------------|----------------|------------|---------------|----------------|------------|----------|
| Adipore Division | .. | .... | 588 8 0 | 588 8 0 | 2,650 0 0 | 1,133 0 0 | 3,758 0 0 | 3,104 8 0 | .... |
| Central Division | .. | .... | 98,144 5 0 | 98,144 5 0 | 18 0 8 | 98,006 8 9 | 98,024 9 0 | .... | 119 12 0 |
| 24-Parganas Division | .. | .... | 1,71,099 3 0 | 1,71,099 3 0 | 8,096 7 3 | 1,70,905 3 9 | 1,73,931 11 0 | 2,332 8 0 | .... |
| Midnapore Division | .. | .... | 2,63,976 4 0 | 2,63,976 4 0 | 385 8 8 | 2,63,986 11 9 | 2,64,302 4 0 | 326 0 0 | .... |
| Bankura Division | .. | 311 0 0 | 61,214 15 6 | 61,525 15 6 | .... | 61,278 8 6 | 61,278 8 6 | .... | 247 7 0 |
| Burdwan Division | .. | .... | 5,302 9 9 | 5,302 9 9 | .... | 5,877 9 9 | 5,877 9 9 | 575 0 0 | .... |
| Maida Division | .. | .... | 9,144 0 0 | 9,144 0 0 | .... | 9,210 0 0 | 9,210 0 0 | 66 0 0 | .... |
| Total Southern Circle | .. | 311 0 0 | 6,04,469 13 3 | 6,04,780 13 3 | 5,999 15 9 | 6,05,377 10 6 | 6,11,377 10 3 | 6,984 0 0 | 367 3 0 |
| Grand Total | .. | 311 0 0 | 36,03,118 10 6 | 36,03,429 10 6 | 19,983 2 6 | 36,06,866 7 6 | 36,26,599 10 0 | 23,742 1 9 | 572 2 3 |

S. C. PAL,
Assistant Accounts Officer, West Bengal.

